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T and DRUGGIST APRIL 6, 1946

The
IEMIST AND DRUGGIST
RETAILER - WHOLESALER - MANUFACTURER
1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

APRIL 6, 1946 Annual Subscription (with Diary) 25/-. Single copies 9d.

M&B

pharmaceutical products

AMMONIUM IODIDE B.P.C.
IODINE B.P. Resublimed
IODOFORM B.P.
POTASSIUM IODIDE B.P.
SODIUM IODIDE B.P.

M & B fine chemicals for pharmaceutical purposes include a wide range of iodides. Attention is drawn particularly to the above and to Ethyl Iodide, Hydriodic Acid and Methyl Iodide, all of which can be supplied from stock.

MAY & BAKER LTD.
DAGENHAM ENGLAND

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Manufacturers of Fine Chemicals since 1834

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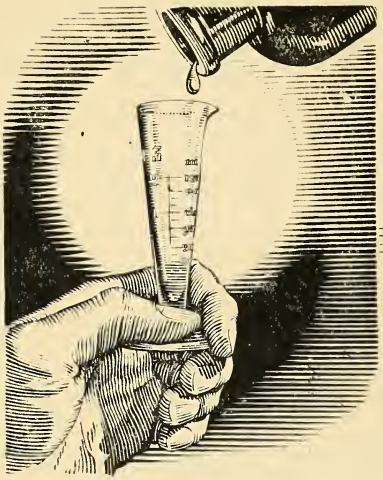

THE chemist insists on accuracy. Take a "drop" of liquid, for instance. The gravity-formed "drop" can vary in size, so he uses the "minim" measure shown here. This extreme accuracy is essential when measuring potent fluid medicaments, of which the prescribed dose may be only one or two minims. Long practice and skilled training make the chemist a stickler for accuracy—and for quality in the goods that he dispenses and recommends. The chemist's advice is always sound.

Ask his opinion of

Euthymol

TOOTH PASTE

THIS is a current example of the series of Euthymol advertisements which have been appearing continuously for the last three years in several well-known periodicals, with the object of stimulating a wider appreciation of the extent of pharmaceutical knowledge and training, and of the service the pharmacist renders to the community.

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Inc. U.S.A. Liability Ltd.

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It's advertised as a Chemist's Line

Elasto

REGISTERED

A PRODUCT OF BIO-CHEMICAL RESEARCH

ead What Users of 'Elasto' Say:—

riginal letters have been seen by a representative of "The Chemist and Druggist")

Varicose Veins

" a sufferer of varicose veins, I must state t before using 'Elasto' I was tortured with t and aching legs. After taking a month's s y of 'Elasto' I remark with emphasis that t eeling of tiredness and aching has vanished. T ll sufferers of varicose veins I certainly r mmend 'Elasto'—they are a boon."

A 80. —— R. P.

Rheumatism

" ay say that I have found 'Elasto' a wonder- fu elp. For years I suffered with rheumatism in t and legs, and at times found it difficult to k about. 'Elasto,' however, afforded me immediate relief, and, although I was relieved of the pains and inconvenience, I have never ceased to take them regularly, as I have found them to act as a tonic as well, giving me energy that I previously lacked. I have recommended them to many others since."

AT 1108. —— F. T.

Varicose Ulcers

"I have great pleasure in writing to say my legs are quite better and I cannot praise your 'Elasto' enough. I had suffered agonies with varicose ulcers; in fact I thought I should never get them better, but, thanks to 'Elasto,' my legs are completely cured."

AH 1263. —— E. H.

T SE generous acknowledgements are an indication of the solid goodwill behind Elasto. housands of users, all over the country, are daily telling their friends of similar e riences with this fine remedy.

commend 'Elasto'—and a satisfied customer will recommend You!

★ 1/6 Profit on every sale

Retail Price 5/- per pkt. * Including purchase tax.

Wholesale 42/- per doz. * Including purchase tax.

A FEW SHOWCARDS STILL AVAILABLE

PATA

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DEPT. R

CE IL HOUSE, HOLBORN VIADUCT, LONDON, E.C.1

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AND FINE CHEMICALS

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DRUG GRINDING

THEOPHYLLINE

World conditions may determine availability of supplies

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INCORPORATING GEORGE ATKINSON & COMPANY. ESTABLISHED 1654

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4. Bonus in kind cannot be allowed on any other Halibut Oil Products.
5. We must reserve the right to restrict the number of parcels supplied to any one establishment and thereby, as far as possible, ensure fair distribution.

One order in preference to a series of smaller ones, please!

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After leading an inactive life all winter, every dog needs a Spring Conditioning. With the approach of Spring, therefore, many more dog owners begin to condition their dogs with Bob Martin's. And once they see the results, they decide to *keep* their dogs in sparkling condition by giving Bob M in's regularly — ' one a day.'

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BOB MARTIN'S CONDITION POWDER TABLE S

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y stocking and recommending 'Benzedrine' Inhalers when colds and nasal catarrh are prevalent, you will ot only help sufferers from such ailments but also rovide a quick turnover for yourself.

'Benzedrine' Inhalers bring instant relief in nasal ongestion, and need only to be demonstrated to nsure a sale. Make sure you have a good stock of his popular line, which has been prescribed by octors for more than ten years.

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Trade Price 18/- per dozen, selling at 2/- each (both prices incl. tax). You get an extra 5% by ordering direct in £5 lots, which may include other M & J lines.

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ENLEY & JAMES LIMITED
3 COLDHARBOUR LANE, LONDON, S.E.5

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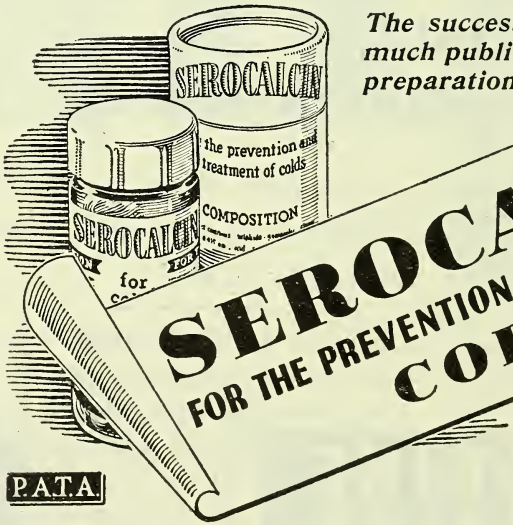

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IODISED THROAT LOZENGES

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THE POPULAR PROTECTION AGAINST THROAT AILMENTS –NOW AVAILABLE AGAIN IN LIMITED QUANTITIES..

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For all Skin Complaints

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MAGNESIA OIL FOR

Particularly valuable in cases where there is inflammation, ulceration, and in pregnancy

1 immediate relief of constipation
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There is a bonus offer, for display, of one free in every order of a dozen, either 8 oz. or 16 oz. size. Price 3/1d. and 5/7d., tax included.

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VITAMIN FOOD

TO the physician requiring a product which incorporates important vitamins in a form entirely pleasant and acceptable to every patient, "Vimaltol" presents special advantages.

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On the P.A.T.A.

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(*Exempt from Purchase Tax.*)

Retail Prices: 1 lb. jars **3/-**; 2 lb. jars **5/6**.

A. WANDER LTD.,
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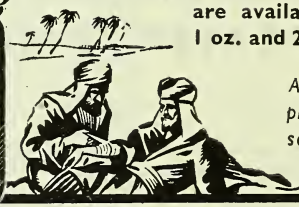
M305

SAMARITAN OLIVE OIL *is not yet available but...*

SAMARITAN OINTMENTS



rank equally high in their class and are available at reasonable price in 1 oz. and 2 oz. amber jars.

A good range of B.P. and B.P. preparations, in addition several special formulæ, available.

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The Home of Modern Pharmaceuticals
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BRITISH DENTAL STICKS LIMITED
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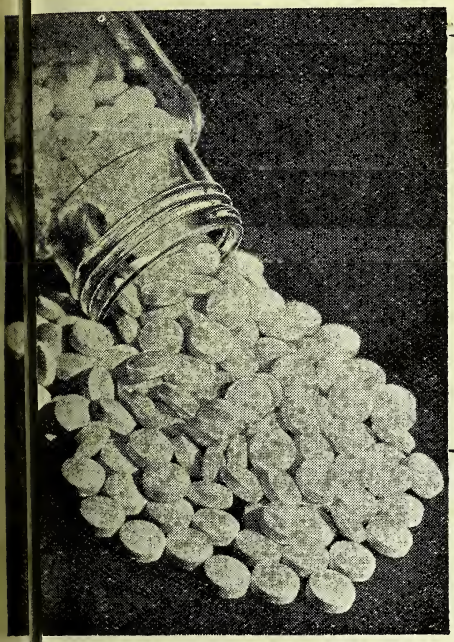

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Tins	3/4½	27/-	4/6
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EVER INCREASING DEMAND

Ki-uma Ointment for the relief of

RHEUMATIC CONDITIONS, STIFF AND SWOLLEN JOINTS, BRUISES, STIFF NECK, Etc.

From your C.F. Wholesaler, or in case of difficulty, from the manufacturer

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That's what

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to ensure that sufficient stocks of YESTAMIN Vitamin Yeast Tablets, 100 for 1/1½d., 300 for 3/-, are available to meet increased demand.

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OVER 150 YEARS REPUTA N

KEARSLEY

THE ORIGINAL

WIDOW WELCH'S FEMALE LS

9d. BOX PROFIT by ordering 1 dozen 2/ e. Bonus box given on every dozen (13). k to push this size.

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Established 1787 In the Reign of King G

Finest Quality

LAMBSWOOL PUFFS

Single - 2/- 4/- 6/- 9/- 14/- 17/- do

Double - - -24/- 30/- 60/- 78/- do

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Plastic Cosmetic Bags - - 15/6 do

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962/887 C. & D. Of

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DOCA Among the more important hormone research conducted in the Organon Laboratories has been much original work on DOCA (Desoxycorticosterone acetate). The early recognition of DOCA—possessing the activity of the suprarenal cortical hormone, and now used successfully in Addison's disease and many other conditions—contributed materially to the reputation of Organon Laboratories as pioneers in hormone therapy.

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Telegrams: Menformon, Rand, London.

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★ A REALLY BEAUTIFUL CASE

★ ABSOLUTELY HIGH-CL S PRODUCT

Send 2/6 to cover sample and Postage to:

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Good! it's MASON

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The Chemists' FAVOURITE for over 75 YEARS

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Lime, Orange, Raspberry and Pepp nt flavoured Sulphur Tablets, 15, grain size. so Bronchial Tablets, Laxative Tablets and P r- mint Dyspepsia Tablets, Packed in packet in bulk. Prompt delivery. For further ils apply: 951/521 C. & D. Office.

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THE MOST COMPLETE
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BUILT OVER 80 YEARS

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TH IATIONAL ASSOCIATION OF OPTICIANS
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ABUS and ENTRANCE FORMS, etc., from
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British Made **AMPOULE FILES**
are now available
We are now in a position to manufacture large quantities of Ampoule Files and invite inquiries
DOMINION STEEL CORPORATION
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"FLEET" WORKS
QUEEN'S ROAD, SHEFFIELD, 2

MILLAMALT *The* VITAMIN MALT FOOD
With Vitamins (A 6,500 I.U., D. 400 I.U.) per fl. oz.
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Despite considerably increased production we are still unable to meet all demands. We will continue to do our utmost to clear all orders, which are being dealt with in rotation.

RALGEX

GOOD supplies of "**RALGEX**" brand analgesic are now available, and orders can be dealt with as received.

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IBEX HOUSE, MINORIES, LONDON, E.C.3

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Supol

HAEMORRHOIDAL SUPPOSITORIES

FOR RAPID RELIEF

A new and highly ethical product containing b[illegible]caine and ephedrine. SUPOL is designed to [illegible]e immediate relief and lasting comfort for hæ[illegible]hoidal pains, rectal irritation, etc. NOW B[illegible]G ADVERTISED. Distribution through chemists [illegible].

ISSUED IN BOXES OF 12 SUPPOSITORIES.

PUBLIC price **3/4** inc. tax

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For diseases of Potatoes, Tomatoes, Celery [illegible] Roses, etc.

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Soil dressing for Club Root in Brassicas, als[illegible] Cabbage Root Fly.

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Have pleasure in announcing that the undermentioned preparations are available from stock.

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Tubes of 20 Tablets.
Bottles of 100, 250 & 500.

BELLERGAL.
ottles of 25, 100, 250 & 1000 Tablets.

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(Ampoules only).
Boxes of 10 ampoules 5 c.c.
and 5 ampoules 10 c.c.

CALCIUM SANDOZ.
(Ampoules only).
oxes of 5, 20 & 100 of 10 c.c. 10%
oxes of 2, 10 & 150 of 5 c.c. 10%
Boxes of 3 & 10 of 2 c.c. 10%
Boxes of 5 & 20 of 10 c.c. 20%
Boxes of 2 & 10 of 5 c.c. 20%

CEDILANID.
Bottles of 250 Tablets.
ottles of 10 & 100 c.c. oral solution.
oxes of 6 & 30 of 2 & 4 c.c. ampoules.

FELAMINE.
Bottles of 50 & 250 Tablets.

FEMERGIN.
All sizes of Tablets, oral solution & ampoules.

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Boxes of 6 & 100 of ampoules containing 3 mg. & 10 mg.

NEO-FEMERGIN.
Boxes of 3, 6 & 12 of 1 c.c. ampoules.
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Bottles of 10, 50 & 100 Tablets.

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Boxes of 3, 6 & 50 ampoules.

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SANDOZ

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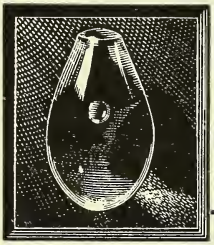
Male Fern Capsules



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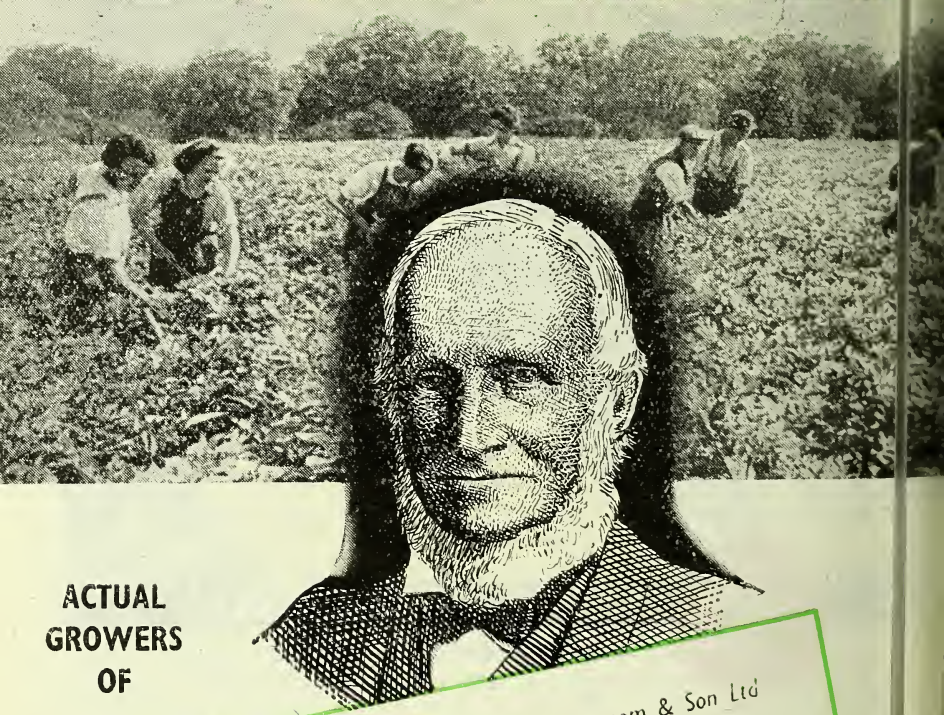

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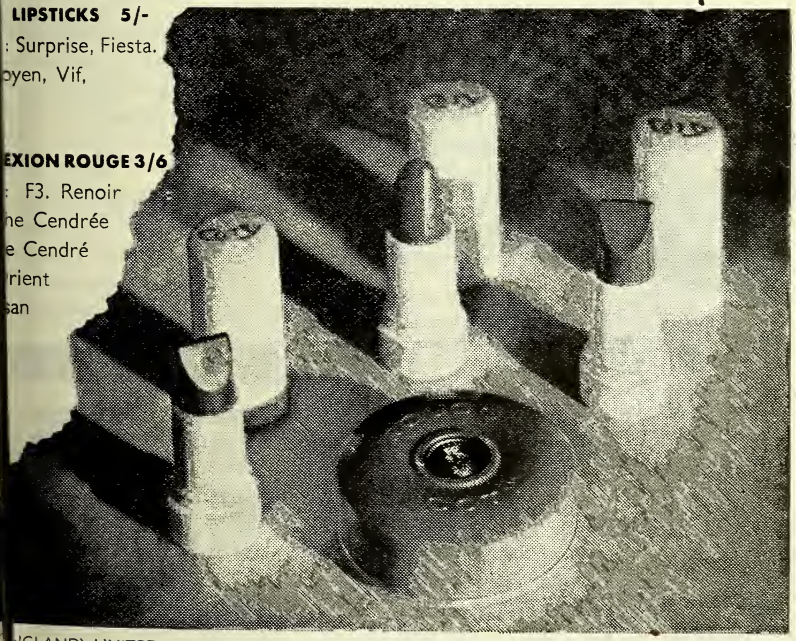

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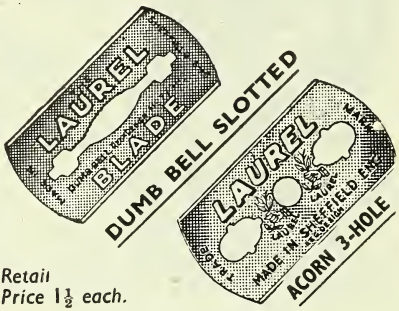

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NEWS OF THE WEEK

to China.—A gift of 1000 lb. of casein lysate for the relief of under-nourished es in China has been made by Herts naceuticals, Ltd.

ister Amended.—The Board of Trade sued lists of amendments of a number isters, including the Home Trade and Preparations Registers. Copies, price enny each, are obtainable from H.M. nery Office, London, W.C.2.

npany's Grant to Students.—A gift of 00 has been offered by the Mond l Co., Ltd., to five metallurgical ntes for special training of metallurgical nts. The company wishes to assist peedier and fuller application of the s of research to industrial practice.

n-Jones Memorial Fund.—The Trus- f the Fund give notice that in June will consider applications for grants ds college fees and/or maintenance pharmacy students. Applicants will quired to disclose in strict confidence etails of their financial resources. s for college fees will be for the g session. No application will be considered after May 20. Application forms may be obtained from the Trustees, Glyn-Jones Memorial Fund, 17 Bloomsbury Square, London, W.C.1.

Belfast Dance.—About 200 guests had an enjoyable time at a dance organised by the associates' section of the Ulster Chemists' Association in Belfast, on March 12. Prizes for novelty dances were won by Mr. McDaid and Miss M. Johnston, Flight-Lieutenant Bennett and Miss Irwin, Mr. H. Mahood and Miss I. Little.

Industrial Design Exhibition.—The promoters of the "Britain Can Make It" Exhibition, 1946, have issued a memorandum for the guidance of manufacturers intending to submit products for exhibition. The notice explains at greater length the information given in the *C. & D.* (March 2, p. 277) and requests manufacturers to press on with all speed in the design of products, and to send forward to the Council descriptions of the goods concerned. Copies of the memorandum may be obtained from the Council of Industrial Design, Tilbury House, Petty France, London, S.W.1.

York Public Pharmacists.—"The Riddle of Allergy" was the title of a lecture given by Mr. C. Beaven to the Yorkshire Branch, Guild of Public Pharmacists at a recent meeting.

Birmingham Dance.—Three hundred members and friends were present at the Birmingham Pharmaceutical Association's last dance of the season recently. Prize-winners included Mr. and Mrs. L. A. Beck, Mrs. Popple and Mr. Marston Davies.

Wembley Officers.—At the annual meeting of the Wembley Branch, Pharmaceutical Society, on March 28, the following officers were elected: *President*, Mr. E. Ratcliffe, *Vice-president*, Mr. S. W. Bearman, *Treasurer*, Mr. C. H. Dixon, *Secretary*, Mr. E. C. Meredith.

Colour Photography Lecture.—The development of colour film from early experiments to the modern picture in true colour was described by Mr. R. M. Fanstone (Dufay-Chromex, Ltd.), in a lecture on "Colour Photography" to the Preston Scientific Society on March 26.

Bedfordshire Activities.—A gift of £5 5s. to the Benevolent Fund has been made by the Bedfordshire Branch, Pharmaceutical Society, from profits from a dance at Luton on March 14. On March 21, Mr. J. C. Young (Society's president) gave an address on the National Health Service.

Dundee Pencillin Course.—A short course for pharmacists on the dispensing of penicillin will commence at the School of Pharmacy, Technical College, Dundee, at 3 p.m. on April 24. The fee is 5s., and applications to join the course should be made to Dr. D. McCall, at the School, before April 17.

Romford Lecture on Malaria.—Paludrine and the evolution of the treatment of malaria from quinine to modern anti-malarials, were dealt with in a lecture on "The Chemotherapy of Malaria" given to the Romford and District Branch, Pharmaceutical Society, by Mr. S. Ellingworth, M.Sc., on March 11.

Windsor Social.—The first social function of the newly-formed Slough Chemists' Association was held at Windsor recently in the shape of an informal party. In welcoming the guests, Mr. H. P. Elliot (chairman of the Association) paid tribute to the energetic committee which had been responsible for creating the organisation. Mr. H. F. Breakspear was master of eremonies.

Manchester Film Show.—Ministry of Information films on "The ABCI of Health," "Blood Transfusion," "S al Anæsthesia," and "The Story of D " formed the subjects at a meeting of he Junior Branch of the Manchester Pha a-ceutical Association on March 22. M H. Burlingson was in the chair.

Portsmouth Students' Visit.—The p a-ration of tablets of penicillin under al conditions was one of the processes see by a group of students from the Portsm th College of Pharmacy when they vi ed the works of Burroughs Wellcome & ., Dartford, on March 11. The party as entertained to tea by Mr. Stead (mana g director).

Chester Officers.—At the annual mee gs of the Chester Branches of the Pha a-ceutical Society and the National Pha a-ceutical Union held recently, the follo g officers were elected:—Pharmaceu al Society: *President*, Mr. J. D. Clark; *-president*, Mr. R. P. Taylor; *Treas r*, Mr. G. Little; *Secretary*, Mr. J. Willia ; *Social Secretary*, Mr. R. P. Taylor. N. Branch: *Chairman*, Mr. J. Veitch, *-chairman*, Mr. R. Goodman Robe ; *Treasurer*, Mr. J. D. Clark; *Secre y*, Mr. J. Williams.

"Super" Penicillin.—A report m Washington, D.C., U.S.A., states that o scientists of the U.S. Department of Agriculture have discovered a metho of producing penicillin X—"a new s r penicillin"—which is described as r e than twice as potent as the present n-mercial penicillin. The two workers e-ported to the American Association or Advancement of Science at a meetin n St. Louis recently that, after exposin o ultra-violet radiation a culture of on of the more promising strains, they d isolated a single new strain that ga a relatively high yield of penicillin wit t least one-half of the penicillin in e desired X form. This is in contrast to e yield of from one-seventh to one-fift of penicillin X in many of the strains e-viously tested. The evidence is not n-clusive that the variation or "mutati w in the fermenting capacity of the s strain is a result of the irradiation, but e is probable. Penicillin X is stated to l two or three times as potent as comme n penicillin and capable of effective ac d against several organisms causing dise l conditions which do not yield to comme l penicillin.

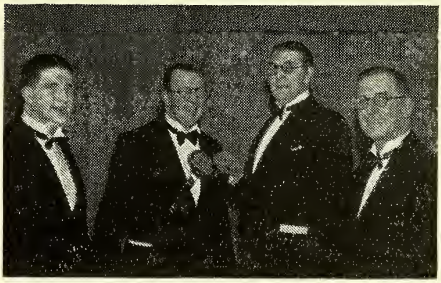
nti-mosquito Formula.—A team of ogists appointed by the Scientific isory Committee of the Department of lth for Scotland has made a preliminary stigation into methods of protection nst the midge. A detailed report of work is being submitted to the Scientific isory Committee, but in the meantime disclosed that the preparation found tive includes dimethylphthalate I.P. for short), the repellent used during war against the mosquito. Tests with compound in a great variety of pastes, ns and emulsions have been carried in midge-infested districts, the results ined far excelled the achievements of other repellent method. The prepara- which, up to the present, has given the satisfactory results as a midge repel- is an emulsion prepared according to following formula :—

Lanette wax SX	5 gm.
Triethanolamine	9 c.c.
Oleic acid	27 c.c.
Dimethylphthalate	100 c.c.
Water	100 c.c.

eared on the exposed parts, the sion wards off midges for at least two s. It is not injurious to the skin, gh slight tingling may occur when it is applied and afterwards when washing ace. It is recommended that the com- d should not be allowed to get into yes nor come in contact with tortoise- or plastic spectacle-frames.

actions to Health Service Bill.—The l College of Nursing, in a statement on National Health Bill, has called for a lete reorganisation of local-govern- machinery. It is urged that each authority should have a public-health nursing departments under a chief ng officer, and that hospital matrons d have access to the appropriate nittees. Industrial health services, it ggested, should become an integral of the National Health Service.— Trades Union Congress has announced pport for the proposals of the National h Service Bill but a recommendation ts general council urges that joint ssions should be resumed with the sh Medical Association and British itals' Association with a view to ying matters arising out of campaigns those bodies are conducting against n proposals in the Bill.—The Conserva- 'shadow cabinet" decided on March table "a reasoned amendment" for ejection of the National Health Service It is understood that the party will objection to the taking-over of the voluntary and municipal hospitals and their administration on a regional basis, and to the proposed pooling of hospital funds so that what is subscribed for one hospital can be used for the benefit of others. The Party's health committee is carrying out a detailed examination of the Bill.—At a meeting of the Insurance Institute on April 1, Doctor Charles Hill (secretary, British Medical Association) stated that there would not be enough doctors to provide immediately the full service promised by the National Health Bill.

Coming-of-age Celebrations.—A dinner and presentations at Slough marked the twenty-first anniversary of the formation in this country of Johnson & Johnson (Great Britain), Ltd., who claim to be the largest firm of surgical-dressing manufacturers in the world. Mr. V. S. Allen, an executive, proposed "The Company." He commented on the team-spirit of the organisation, which, he declared, was without doubt inspired by the directorate. Congratulatory cables were received from many of the



Mr. H. J. Dobbs (chairman) receiving from Mr. J. F. Brooke (managing director) the "coming-of-age key" at anniversary celebrations of Johnson & Johnson (Great Britain), Ltd., Slough, recently.

thirty related companies of the organisation in various parts of the world. Inscribed silver vases, presented by the 750 members of the staff, were handed to Mr. H. J. Dobbs (chairman of the company) and Mr. J. F. Brooke (managing director), by the firm's oldest executive (Mr. E. G. Agnew). It is noteworthy that Mr. Dobbs was the founder of the British company. Mr. Brooke detailed the progress that had been made during the past twenty-one years, and indicated many of the post-war problems now being faced. Johnsons Fabrics, Ltd., Earby, and Johnson & Johnson, Ltd., Gargrave, Yorkshire, were represented by Messrs. P. Howe (a director at Earby) and Mr. L. Parker (a director at Gargrave).

COMPANY NEWS

PRYTON, LTD. (P.C.).—Capital £100. Manufacturers of and dealers in toilet requisites, chemical preparations, etc. V. L. Passer and C. G. Pollock, directors. R.O. : 146 Bishopsgate, London, E.C.2.

JAYS (CHEMISTS' SUNDRIES), LTD. (P.C.). —Capital £10,000. Manufacturing chemists, etc. Gertrude and John S. Jay, directors. R.O. : 32 Houndsditch, London, E.C.3.

VIMATONE, LTD. (P.C.).—Capital £2,500. Chemists, druggists, etc. Garfield Carse, Helen I. Thorburn, and Claude W. Prockter, directors. R.O. : 13 Conway Street, London, W.

MUNDY & Co., LTD. (P.C.).—Capital £1,500. Manufacturers of and dealers in razors, toilet requisites, etc. Walter, Leslie C. H., and Cecil V. Mundy, directors. R.O. : 87 London Road, London, S.E.1.

MADEMOISELLE CHANEL (PARIS), LTD. (P.C.).—Capital £500. Manufacturers of and dealers in perfumes, toilet preparations, etc. Directors are not named. R.O. : 99a Park Lane, London, W.1.

H. T. BURDEN (CHEMISTS), LTD. (P.C.).—Capital £2,000. Chemists, druggists, etc. Henry T. Burden, M.P.S., and Ivy M. Burden, directors. R.O. : 69 London Road, Cowplain, Hants.

JEWELL'S (TRURO), LTD. (P.C.).—Capital £1,000. Dealers in galenical, packed pharmaceutical, toilet and cosmetic preparations, etc. William F. Jewell, M.P.S., and Edith Jewell, directors. R.O. : 11 Lemon Street, Truro.

CHARLES LEAVER & Co., LTD. (P.C.).—Capital £1,000. Manufacturers of fine chemicals, drugs, disinfectants, etc. Henry L. Down and Charles Leaver, directors. R.O. : 39–41 New Broad Street, London, E.C.2.

BRIDGE FOOT PHARMACY, LTD. (P.C.).—Capital £2,000. Manufacturers of and dealers in chemicals, drugs, toilet requisites, etc. John Comley, M.P.S., and Matthew H. Mould, directors. R.O. : 48 Ousegate, Selby.

VIDEX (PHARMACEUTICAL), LTD. (P.C.).—Capital £1,000. Dealers in and manufacturers of chemicals and pharmaceutical products, toilet requisites, etc. Directors to be appointed. R.O. : 5–6 Princes Street, Cavendish Square, London, W.1.

S. T. JAMES (CHEMIST), LTD. (P.C.).—Capital £2,000. Wholesale and retail chemists, etc. Stanley T. James, M S., Kathleen A. James, and Florenc A. Jenkins, directors. R.O. : 420 Hoe S et, Walthamstow, London, E.17.

IDDONS CHEMISTS (ECCLESTON), D. (P.C.).—Capital £300. To acquire he business of a chemist formerly carri on at 398 The Green, Eccleston, nr. Ch ey, Lancs, by David Iddon. Leonard P in, Mrs. Hilda Iddon, and Donald P. W ts, M.P.S., directors. R.O. : As above.

BERNARD PITT (SEATON), LTD. (P. — Capital £6,000. To acquire the busin of a chemist carried on by Bernard E. itt at 3 Sidmouth Street, Seaton. Be rd and Lillie Pitt, George A. Beattie, nd Jack L. Lorton, directors. R.O. : As above.

ARTHUR MOSS, LTD. (P.C.).—C tal £1,000. To acquire the business a chemist carried on by Arthur Mo at Grand Hotel Buildings, Eastbourne. A ur Moss, M.P.S., and George Checkley, M S., directors. R.O. : 7 Grand Buil gs, Compton Street, Eastbourne.

DOBBIN & STEWART, LTD. (P.C.).—I is- tered in Belfast. Capital £5,000. To ac ire the business of a wholesale manufact ng chemist and sundriesman carried o by Alexander K. Dobbin. Alexande K. Dobbin and William H. Stewart, dire rs. R.O. : 138–140 Grosvenor Road, Belf

MALLETT'S SURGICAL INSTRUMENTS, D. (P.C.).—Capital £2,000. To acquir he business of a surgical instrument m- facturer carried on by Herbert E. M tt, at Old Post Office Buildings, High S et, Barkingside, Essex. Herbert E., and da M. Mallett, directors. R.O. : Bedford w, London, W.C.1.

NORTHROP BENTLEY, LTD. (P. — Capital £3,000. To acquire the busin of a soap manufacturer and cleaning ma ial specialist formerly carried on by No op Bentley and recently by Kenneth S. Ki x, as "Northrop Bentley" at 50 New ss Street, Bradford. Northrop Bentley, n- neth S., and Marjorie Kippax, dire rs. R.O. : 290 Leeds and Whitehall d, Bradford.

COW & GATE, LTD.—The dir ors announce that Treasury consent has en obtained to the issue by the compa of its unissued 200,000 7½ per cent. cumu ive preference shares of £1 each and 4,0 76 ordinary shares of 1s. each.

TOPICAL REFLECTIONS

H.S. Discussions

Your last week's issue may fairly be scribed as a National Health Service mber. Nothing that I suggest at this ncture is likely to attract much attention compariso ı with the representatives' eting announced for April 9. Why, then, I write this paragraph ? For two reasons. rst, in order to acknowledge the help rived from your news of and comment the important event of the past few ys. Your diagram on p. 401 shows that proposed N.H.S. scheme is, as many of expected it would be, rather complicated. hen the committee stage of the Bill is ched in the House of Commons, it will worth while to explore any methods that y be suggested for reducing this comxity. My second reason for occupying ce about this Bill is to suggest to the resentatives who assemble next Tuesday t they scrutinise the agenda and make sure as possible that nothing has been rlooked. The very fact that the Bill l its accompanying White Paper have promising aspect should put pharmatical negotiators on their guard. Their erience of the working of the National lth Insurance Acts will not, I trust, be ted. The thousands of pharmacists o will not be present at the representas' meeting mentioned will do well to ke themselves acquainted with the Bill he extent to which it concerns them ; se who are members of borough councils other public bodies will need to mine the document in detail.

de Marks and Patents

or several weeks past I have been ng the increased space occupied by r Trade Marks section. It appears that ing the dark years of war many inventors st have been hatching new schemes, and t the schemes are now being shown to world. It is of interest to remember the present status of patents and trade ks has arisen, in the gradual English , from an arbitrary system of grants by al favour. In the late Middle Ages ost anything, from a dukedom to a load of merchandise, might be the ect of Royal letters patent. An entry he Calendar of State Papers for the year records grants by patent of the office arblership of spices as far back as 1445 : e of these grants were tenable by the bients till they died, and one, dated , was for 100 years ! In 1620 the general importation of logwood was prohibited by proclamation, but Sir Thomas Compton was permitted to import fifty tons annually. This commodity was to be used for dyeing " mean " substances only. The names of purchasers were to be registered ; all other logwood imported was to be seized, half of it burnt, and the other half delivered to Compton at £6 per ton. Five years later a patent for the sole cultivation of madder in England was granted to William Shipman, on payment of a sum equal to that paid to the Customs for imported madder. We may infer from various records of the period that madder was given preference as a dyeing agent to logwood.

The Size of a Shop

On reading your trenchant comment upon Mr. F. W. Adams's address at Liverpool (p. 369), two queries occurred to me. One relates to the basis of the address. In the first chapter of " The Seventeenth Century Background," Mr. Basil Willey has an instructive passage on the difficulty of distinguishing between facts and beliefs " felt as facts." He suggests, perhaps with an undertone of irony, that usually the aid of a first-rate metaphysician is desirable in such cases. In thinking over your report I am left wondering whether facts have been given their due weight in the speaker's mind. A second point demanding elucidation is the remark about the size of a shop. Are most pharmacies too small ? If so, for what purpose or purposes should they be enlarged ? Let us consider any unit of, say, twenty pharmacies in any medium-sized town that we know—shops having, of course, more than one type of trade. It will be found, I think, that most of these premises have not changed in size to any great extent during the past twenty-five or thirty years. Had there been a compelling reason for any such change, it is fairly certain that the change would have been made. Chemists are practical people. But, we are told, the object of increasing the size of a pharmacy is to limit its functions. What can this mean ? When a shop is enlarged, we usually find there a new department or an expansion of one or more of the existing ones. If the speaker at Liverpool was thinking of the introduction of new apparatus, surely their acquisition need not involve an extension of the building. We may agree, in the words of a local councillor, that the small shop is the best.

Xrayser.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

ASSISTANCE to ex-traders was the subject of a question by MRS. GANLEY to the President of the Board of Trade on March 25. She asked whether he would make a further statement about the assistance to be granted to ex-traders and the war disabled who wished to enter retail trade, and indicate his proposed course from March 31.

MR. BELCHER (Parliamentary Secretary) replied: Yes. We have decided to continue for a further period to assist the present priority classes—war-disabled persons and ex-retailers of consumer-rationed goods—by granting them coupon "floats" with which to stock retail shops, and to extend this assistance to ex-Servicemen and women, as defined in Section 6, subsection (1) (*a*) and (*b*) of the Reinstatement in Civil Employment Act, 1944, with previous experience of this type of trading. Sponsorship of building licences will also be given to the same classes of ex-Servicemen and women, as well as to the present priority classes of ex-traders and war-disabled persons. "I should repeat the warnings which the President gave in his statement on this matter of December 17. He then said that while, under these arrangements, everything possible would be done to help the priority classes to get their shops sufficiently repaired to enable them to open their businesses, there could be no absolute guarantee that labour and materials to carry out the actual work would be immediately available in any particular district, and the grant of licences must, in any case, be contingent upon other urgent demands for building labour in the area. He also stressed that men and women should realise, before putting their money into a shop for the first time, that they must expect supplies to be difficult for a considerable time to come, particularly for those with no previous trade connexions."

Soap Rationing to Continue

On March 27 MR. PETER FREEMAN asked the Minister of Food whether he would now decontrol soap. SIR BEN SMITH replied that there was no early prospect of the soap-rationing scheme being ended.

Alleged Price Ring

MR. NUTTING asked the Minister of Food whether he was aware "that the Honey Importers and Packers Association, of Old Broad Street, E.C.2, are forming a price ring for imported honey allocated for chemical purposes; that under this ring chemists are forced to buy fr selected group of packers' firms at per ton, honey passed to them by imp at £76 a ton, duty paid"; and what he would take to put an end to the pra

SIR BEN SMITH: In 1944, when was an acute shortage of honey, a cor ment was purchased by the Ministry price higher than the normal. To increasing the price to the general p this honey was distributed to manufact chemists. As honey forms only a small of the ingredient cost of pharmace preparations, the prices of the pro involved were not seriously affected. plies of this more expensive honey are exhausted, and steps are being tak bring down the price charged to che accordingly. A meeting on the subj being held today.

Medicines Legislation "Out of the Ques

Claims for "patent" medicines forme subject of many questions on Marc when MR. NALLY asked the Minist Health whether he would have pe examinations made of claims in periodical and other advertisements, the health-giving properties of "pa medicines, foods and wines, and effective steps to keep the public inf of the results of such examinations.

MR. BEVAN: As regards "pa medicines, I do not think that an really useful on these lines could be without further legislation—which be complicated and is out of the qu for the time being. As to foods questions should be addressed t Minister of Food.

MR. NALLY: Is the Minister awar many millions of pounds are extracte the public annually, largely on the str of misleading and often completely claims about the values of these prod Will he have another look at the sit to see whether it is possible without l tion to provide more adequate and needed protection for the public?

MR. BEVAN: I certainly will h look at it because I am sympathetic to the intention Mr. Nally has. That n one of the more advantageous by-pr of a National Health Service.

SIR THOMAS MOORE asked whether not a fact that the trade associ exercised a very strict supervision.

Bevan replied that they might be cising supervision, but he could not that it was with beneficial results.

R. Skeffington-Lodge asked: Is the ster aware that many of these so-called dies claim to cure more than one se at the same time?—Major Guy D: Will the Minister give urgent tion to the possibility of patent ums for the brave new world?

a written question to the President e Board of Trade on the same day, Nally asked whether the President aware that conditions in the near e would permit expansion in production of certain "patent" medicines, foods wines for which health-giving properwere claimed; and whether he would action to ensure that the selling price ch products would bear a close relationto their real value.

. Belcher (Parliamentary Secretary): al substances for personal and domesie, and invalid foods and requisites in on to such foods, are price-regulated subject to the Prices of Goods Act, under which the prices charged may reased only to the extent of increases ts for comparable goods since August 939. I am not prepared, on the nation at present before me, to take l steps to fix maximum prices for the arge number of individual types and s of these goods. Wines and foods, t to the extent that they fall within bove description, are not price regugoods under the Prices of Goods Act re the responsibility of the Ministry d.

Advice Information on Health Bill

a written question to the Minister of h, Mr. House asked why, in view of t that the British Medical Association een given full details of the Health es Bill before that Bill was made lly available, similar opportunities or consideration of the details of this ere not given to other bodies of health tioners, such as osteopaths, naturochiropractors, herbalists, etc.

Bevan: Mr. House is mistaken in st part of his question. In preparing alth service proposals, I consulted s groups of professional people who ualified to advise me on the issues ed—and who, indeed, did include sts. There was never any question, er, of giving advance details of the the B.M.A. or to any similar body it was presented to Parliament.

LEGAL REPORTS

Evasion of Customs Duty. At Liverpool, on March 16, Theophile Guillon, master of a French ship, was fined £20, with £1 1s. costs, for having been concerned in unshipping spirit and perfume with intent to defraud the Customs authorities. Packages in a shed were found to contain, among other things, fifty-one bottles of perfume.

Sentenced on Fraud Charge.—Convicted at the County of London Sessions on March 29 on a charge of obtaining £100 by fraud, Lawrence Randall, otherwise known as Leou Simon Soloveitsik, chemists' sundriesman, 2 Oakley Street, Chelsea, was sentenced to eighteen months' imprisonment. The charge was of obtaining a cheque for £100 from Reginald Charles Fishenden, 71 Eaton Square, S.W., "by false pretences with intent to defraud." He had pleaded not guilty. Fishenden stated that he had known the accused casually for about four years. On October 5, 1945, accused came to him and told him that he was in the middle of a purchase of razor blades. He had £300 towards the deal, but required another £100; unless he had the money that day, the deal would be off. Witness agreed to lend him £100, and accused gave him a cheque for £125, post-dated to October 10. Randall said that he was making £100 out of the deal, and £25 represented witness's share. When the cheque was presented on October 10, it was returned "R.D." On October 12 accused told him the razor blades had been bought and sold, and the money would be paid next day. On October 15, witness instructed his solicitors to demand the return of his money. No reply was received by October 22, and he went to see Randall accompanied by police officers. Randall then said "I never said anything about razor blades. . . . I borrowed the money for ordinary dealing purposes." Later, accused filed his petition in bankruptcy. Randall, in the witness box, said Fishenden had agreed to lend him £100 in exchange for a post-dated cheque for £125. He denied that he ever mentioned a deal in razor blades. The jury found the prisoner guilty, and a detective proved seven previous convictions against him. From his previous sentence he had been released in June 1943, since which date he had been in business for himself as a chemists' sundriesman.

Scientists' Reserve?—The Government is to consider forming a volunteer organisation of scientists against a national emergency.

TRADE NOTES

French Perfumery Materials.—Atlantco & Co., 8 rue Auber, Paris, France, offer essential oils and lavender for the preparation of high-class French perfumes.

Metal Containers.—Inquiries relating to screw caps, stampings, pressings, etc., in tinplate, aluminium and brass, are invited by Tinpacks, Ltd., 17 Shaftesbury Avenue, London, W.1.

Side Combs.—An undertaking to dispatch goods by return is given by Rae-Bentley Lighters, 32 Victoria Street, London, S.W.1, suppliers of ladies' side combs, compacts and cigarette cases to match.

"Post-War Quality."—Pharmitex toilet tissue, which is supplied to chemists only, is stated by the manufacturers, Harold Wesley, Ltd., Harley Mills, London, N.W.10, to be now "of post-war quality."

Slippery Elm Food.—The proprietors of Forbes' slippery elm food (Brook, Parker & Co., Ltd., Bradford) are now in a position to supply this preparation. It is available in packages of two sizes.

Bonus Terms.—Full details of standard parcels of and terms for Crookes halibut oil are given in this issue by the makers, the Crookes Laboratories, (British Colloids, Ltd.), Park Royal, London, N.W.10.

Nail Polish for Export.—Export inquiries for Nalon nail polish, which is available in eight fashionable shades, are invited by the manufacturer, D. Devon, 9 Norfolk Place, London, W.2.

Licence-free Spirit.—James Burrough, Ltd., Cale Distillery, Hutton Road, Lambeth, London, S.E.11, remind perfumers and others that spirits of wine can now be obtained up to 60 gall. in six months without a licence.

Ti-tree Oil Antiseptic.—Burgol antiseptic, containing para-chlor-meta-xylenol and incorporating ti-tree oil is being issued in their Red Diamond series by Burgoyne, Burbidges & Co., Ltd., London, E.6. The product is available in 4-oz. and 16-oz. bottles.

"*C. & D.*" at Utrecht Fair.—THE CHEMIST AND DRUGGIST has taken a stand at the Utrecht Fair. As the first international trade fair to be held in post-war Europe, the Utrecht Fair is an event of more than usual interest at which about a hundred British firms are exhibiting. Subscription orders can be placed at the "*C. & D.*" Stand (No. 2555) and cop of the weekly issues will be availabl for inspection. The Fair is open till Apr 11.

D-shaped Sun-glasses.—A range of n-glasses in attractive colours and in a ew D-shape is available from N. & M. G ld, Ltd., druggists' sundriesmen, 62 S ey Lane, London, E.C.3, who invite inq ies from chemists desirous of taking u he sale of this item.

Cholecystographic Meal.—Allen & n-burys, Ltd., Bethnal Green, London, .2, announce the introduction of a new o-duct, Fel-evac, a synthetic fatty me for use in cholecystography to promote he emptying and subsequent contracti of the gall bladder.

Factories Released.—Will R. Rose, l., Oxford Works, 20 St. Ebbes Street, Ox d, state that their premises have bee n-tirely released from Government oc a-tion, and the company is now in a positi to carry out all types of developing, prin g, enlarging, and copying work for the t e, as well as commercial and industrial p o-graphy in the Oxford and London dist ts.

Phenol and Cresylic Acids.—A bu in (Bulletin 8-11) giving description of phenol, cresols and cresylic acid pro ts manufactured by the company, has en issued by Monsanto Chemicals, d., Victoria Station House, London, S 1. The bulletin comprises eight quarto es and gives technical details, applica ns and information about packaging.

Formulas Revised.—The Iglodine o., Ltd., Newcastle-on-Tyne, has discont d the existing formula for Iglodine e o-cation and issued a new Iglodine m embrocation, packed in containers ce the size of the old but offered at the me price. Retailers are advised to disp of stocks of the old pack to customers re issuing the new.

Small Size Suspended.—An announc nt is made in this issue by T. Harley, d., Rodine Works, Perth, Scotland, at, owing to continued scarcity of tin te and labour, and to the requiremen of the export trade, Rodine phosphoru t-poison is now available in only three s, the small size being temporarily is-continued.

Pyrethrum for Insecticides.—Attent is drawn to the suitability of Kenya re-thrum as an ingredient of insect es

Mitchell Cotts & Co., Ltd., Win-er House, Old Broad Street, London, , European sub-agents for the official ts under the Sale of Pyrethrum Ord-e—The Kenya Farmers' Association p), Ltd.

n-formula Tablets.—Recently estab-l under the directorship of Mr. G. O. lward, the company of G. O. Wood- & Co., Ltd., manufacturing chemists, Larkhall Lane, Clapham, London, 4, will specialise in the manufacture of ts to chemists' own formula. Mr. lward was formerly for eleven years Menley & James, Ltd., London, in an tive capacity.

B.V. Process.—A descriptive folder of I.B.V. chemical method of applying a ctive film of oxide to the surface of lic aluminium has been issued by the h Aluminium Co., Ltd., Salisbury e, London Wall, London, E.C.2. The oduced by the process is less thick ard than that provided by electrolytic sing, but gives adequate protection for n purposes.

e Visit.—Early in March Mr. Ian sson (chairman and managing director, s Medical Supplies, Ltd.) made his rip by air from Liverpool to Dublin ly to visit the Irish company (Evans Lescher & Webb (Ireland), Ltd.) of also he is chairman. Mr. Fergusson members of the staff of the Dublin at the North Wall, and made contact many leading people in Irish pharma-al life. To mark the occasion the n executive staff gave a dinner to Fergusson at which those present ed Mr. W. R. Such (managing director) Irs. Such, Mr. T. J. Moran (a director) Irs. Moran, Mr. D. Glavey, M.P.S.I. ector), Mr. Cyril Staunton, M.P.S.I. ern representative) and Mrs. Staun-Ir. T. H. Jones (Dublin and Northern ies representative) and Mrs. Jones, J. Jennings (medical representative), H. Long (supervisor), Miss D. Dobson tary), Mr. Terry McGovern and Mr. en Heron (Dublin staff) and Mr. and H. G. Smith.

Pr ietary Articles Trade Association

rations to Protected List.—*Milton Anti- Ltd.*, Milton brand ointment, new pack , 10s. 6d. doz., tax 1s. 9d. doz., inclusive price 1s. 4d.; nasal spray, 5s. 6d., l. doz. (exempt from tax).

mins, Ltd., Pregnavite tablets, bottles y, 3s. 4d., 27s. 3d. doz.; of 120, 6s., z. (exempt from tax).

BUSINESS CHANGES

Jules Lang & Son and Jules Lang (Optical) Co., Ltd., have removed to 96 Hatton Garden, London, E.C.1.

Mr. James J. Dalton, M.P.S.I., has recently acquired the business, at Lower Kimmage Road, Dublin, of Mrs. Ida Elliott.

Mr. Leo Curran has recently been appointed a medical representative for Savory & Moore, Ltd., and associate companies in Ireland.

A. Gerwat & Sons, produce merchants, have removed their offices and dispatch departments to 201–05 Long Lane, London, S.E.1. (Telephone: Hop 1762–64.)

St. George's Chemical Co., Ltd., have recently opened a sales and inquiry office at 94-96 Commercial Street, London, E.1. Telephone: Bishopsgate 5582.

Therapeutic Research Corporation of Great Gritain, Ltd., have removed to 18 Rupert Street, Coventry Street, London, W.1. (Telephone: Gerrard 3066–67.)

Mr. C. F. Batstone has been appointed sales manager, the British Aluminium Co., Ltd., Salisbury House, London Wall, London, E.C.2. (Telephone: Clerkenwell 3494.)

G. H. Zeal, Ltd., manufacturers of thermometers and scientific instruments, Lombard Road, London, S.W.19, have taken over the thermometer and hydrometer sections of A. C. Cossor & Son (Thermometers), Ltd.

The Raw Materials Department was transferred from the Ministry of Supply to the Board of Trade on April 1. The address of the Department is I.C. House, Millbank, London, S.W.1. (Telephone: Franklin 2211). Branches formerly situated elsewhere than at Shell Mex House remain at their present addresses, but are now under the Board of Trade. Certain materials, however, remain with the Ministry of Supply. They include: Antimony, arsenic metal, cadmium, chrome, cobalt, copper, columbite, dolomite, fluorspar, lead, tin, magnesite, molybdenum, nickel, refractories, tungsten, vanadium and zinc. By an Order in Council, also effective from April 1, the Board of Trade takes over the trading functions of the Ministry of Supply in respect of any transferred materials, together with any relevant contracts entered into by the Raw Materials Department, and the ownership of the stocks.

BIRTH

EDMONDS.—At 46 Cheviot Road, Hawick, on March 25, Catherine, wife of A. McD. Edmonds, M.P.S., of a daughter.

MARRIAGE

ROBINSON—COOPER.—In Toronto, Canada, on March 15, Fred Robinson, son of the late Mr. Louis Robinson, M.P.S., 130 Nithsdale Road, Pollockshields, Glasgow, to Florence Cooper, Toronto.

DEATHS

ALLAN.—At a nursing home in Glasgow, on March 2, Mrs. Georgina H. C. Allan, widow of the late Mr. David Allan, M.P.S., 24 Muir Street, Motherwell.

BROWNE.—On March 26, Mr. Frank Browne, Ph.C., F.R.I.C., 41 Craffield Road, Ealing Common, London, W.5. Mr. Browne qualified as a chemist and druggist in 1888 and passed the Pharmaceutical Chemist examination the same year. For the next four years he was a demonstrator in the Pharmaceutical Society's laboratories and in 1893 was appointed assistant Government analyst in Hong Kong. Two years later he succeeded to the position of chief analyst, in which office he remained for twenty years, at the same time lecturing in chemistry to the Hong Kong College of Medicine. He retired from Hong Kong in 1915 and on his return to England took an industrial appointment until 1918. The following year he was appointed supervisor of studies at the Society's School, and in 1920 became assistant lecturer in pharmaceutics and chemistry. In 1921 he took on the secretaryship of the Codex Revision Committee and for the 1934 edition acted as secretary to the pharmacy and dressings subcommittees. The funeral took place on March 30.

GRIMSHAW.—On March 20, Mrs. C. E. Grimshaw, East Park Road, Blackburn, widow of the late Alderman W. H. Grimshaw, Blackburn, aged eighty-one.

HAIG.—Recently, Mr. John Haig, Piet Retief, South Africa. A native of Edinburgh, Mr. Haig qualified as a chemist and druggist in 1905. He managed a business in Durban, South Africa, before opening his own business in Overport Drive, Durban, a business which he later disposed of in order to retire to Piet Retief.

LEWIS.—Recently, Dr. Gilbert Newton Lewis, Berkeley, California, U.S.A., aged seventy. Dr. Lewis was the first scientist to isolate heavy water and its charact stic element, heavy hydrogen.

MITCHELL.—On March 19, Mr. ohn Mitchell, formerly of 30 Union eet, Inverness, aged eighty. Mr. M hell qualified as a chemist and druggist in 888

OSMOND.—At Barnoldby-le- eck, Grimsby, on March 25, Mr. L. K. Os nd, managing director of Osmond & Son td., animal medicine manufacturers, Gr sby, aged eighty-two. Mr. Osmond s a former mayor of Grimsby.

RILEY.—On March 15, Mr. T mas Riley, M.P.S., 15 Avondale Court, C rch-fields, London, E.18, aged forty.

WHYTE.—On March 23, Mr. mes Mitchell Whyte, The Laurels, Helen Bay co. Down, a director of Whyte, Mit ll & Read, Ltd., manufacturing chemists, one-gall Pass, Belfast. A native of Col ine Mr. Whyte set up in business as a nu-facturer thirty-eight years ago. In 1 he was elected to the Bangor borough c ncil.

WILKINSON.—Recently, Mr. S uel Walter Wilkinson, founder of W Wilkinson & Co., pharmaceutical en ers, Western Road, Leicester, aged sevent ine.

WILLS

DR. LEONARD ETHERINGTON, F.S.M.C., F.B.O.A., 245 Broad Lane dale, Lancs, and 36 Drake Street, Ro dale, left £8,351, with net personalty £5,9

DR. GEORGE VALENTINE CHAPMA M.R.C.S., L.R.C.P., Ph.C., 22 Avenue, Liverpool, left £19,192, w personalty £17,995.

MR. JOHN THOMPSON APPLETON, a member of the Council of the ceutical Society from 1940, left with net personalty £24,117.

WILLIAM JACOB GOLDSWORTHY, 4 Green Road, East Finchley, Londo representative of The British Drug Ltd., left estate valued at £13,108.

MR. PERCY CROAD BRETT, M.D., M L.R.C.P., M.P.S., formerly a dire Boots Pure Drug Co., Ltd., and Chemists (Southern) Ltd., left £60,5 with net personalty £59,677.

MISS OLIVE LOUISA CROOKE, Lonsdale Hotel, Montague Street, formerly of Christchurch, New and previously in charge of th maceutical department, Lady H Hospital, Delhi, India, left £2,22 with net personalty £2,194.

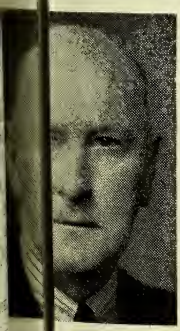
PERSONALITIES

John William Sampson, M.P.S., en nominated for the Kerton division Boston rural district council elections.

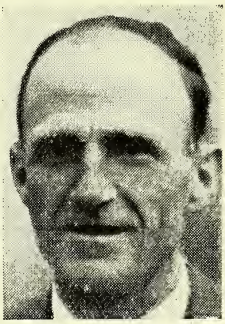
fessor Sir Ian Heilbron has been ed the Priestly Medal by the Ameri- Chemical Society for outstanding s to chemistry. He is the first to receive this U.S. award.

Horace Barrett (chairman, J. & E. on, Ltd., Old Bond Street, London, as retired after forty-nine years with mpany, during twenty of which he member of the board. He was respon- for notable developments in the ny's business, not only at home but erseas, where subsidiary companies, ith its own factory, were established tralia, Argentine, Brazil and other f the world. Mr. Barrett, who has tle to be regarded as the "doyen" perfumery trade in Great Britain, ays been ready to devote himself to ing the interests of the industry as e. He was for thirty-five years a r, and for three years chairman, of fumery Section, London Chamber of rce. From 1941–44 he was deputy an and in 1945 a member of the of the Toilet Preparations and ery Manufacturers' Association of Britain, Ltd. Mr. Barrett is a ent member of the Stage and Societies and was an original of the Shakespeare Memorial Theatre.

John D. Blair, Cork, who was co-opted to the Council of the ceutical Society of Ireland to fill a vacancy caused by the death of the late Sir Thomas Robinson (*C. & D.* March 23, p. 374), carries on a business established by his father in Patrick Street, Cork. He has always taken an active part in the work of the Cork Pharmacists' Association (now known as the Cork Guild of Pharmacy). His father chard Blair) was president of the ceutical Society of Ireland, 1924-26. ption of Mr. John Blair will give seats in the Council Chamber.



Mr. Frank Loughman, T.D., Clonmel, who has been co-opted to fill a vacancy on the Council of the Pharmaceutical Society of Ireland created by the death of Mr. W. G. Cunningham, is a Tipperary pharmacist who has already made his mark in Irish public life. For several years he has sat as a Deputy for the Government Party in Dail Eireann, where he has always been alert to the interests of his profession in any Bills passing through the Legislature. At present he is the sole representative of pharmacy in Parliament. His closer association with the problems of the profession through membership of the Council should prove of immense worth, especially in the event of the long-awaited new pharmacy Bill being introduced. Mr. Loughman has been a consistent advocate of improved conditions for chemists holding public appointments as dispensers and compounders.



Sir Malcolm Delevingne has retired from the Council of the Pharmaceutical Society of Great Britain.

Mr. S. C. Springett, chairman of Johnson Agencies (Proprietaries), Ltd., Clarendon Works, Clarendon Road, Croydon, Surrey, was elected to the Worthing rural district council at the recent local elections.

Mr. John C. Glendinning, a brother of Mr. James Glendinning, Ph.C., Londonderry (a past-president of the Council of the Pharmaceutical Society of Northern Ireland) has retired from the Northern Ireland Senate, of which he was the senior member.

Problem in Dietetics.—

My calories, my calories, they haunt me day and night—
O how am I to know that I have got my intake right ?
Two thousand and nine hundred ought to be my daily share,
But how can I be certain that I've got the blighters there ?

—Lucio in the "Manchester Guardian".

INTERVIEWS WITH MINISTERS

An address on "Pharmacy and the New Health Service" was given by Mr. W. J. Tristram, J.P. (a member of the Council, Pharmaceutical Society), to a meeting of the National Association of Women Pharmacists in London on March 26. From the pharmaceutical point of view, Mr. Tristram said, the National Health Service Bill was far in advance of the White Paper and should dispel the views of the critics, who had accused the Council of inactivity in this respect. In the Bill, pharmacy was represented at all levels at which pharmaceutical problems would arise, and there would be a prominent place preserved for the chemist's shop.

What the Minister Told the Deputation

At a meeting which the Joint Committee had had with the Minister of Health (Mr. Aneurin Bevan), it became clear that, so far as administration was concerned, the Minister appeared to have an open mind. When it came to the Health Service, where the public were concerned, his views were quite definite and he appeared immovable. At the head of the organisation would be the Minister of Health, immediately beneath him the Central Health Services Council. This would consist of forty-one professional people, two of whom were to be pharmacists. The Joint Committee pointed out that two were inadequate. There was to be a Standing Committee for pharmacy and this would have access to the Minister himself. There was to be no pharmacist on the Regional Hospital Boards, but Mr. Bevan promised to look into this, and if he found that pharmaceutical problems arose at this level he would consider appointing pharmacists to the Board. Under the Regional Hospital Board were to be the local Hospital Management Committees and Mr. Tristram considered that there ought to be pharmacists (preferably hospital pharmacists) on these. Local Executive Councils (taking the place of the present local Insurance Committees), would be composed of professional people, fifty per cent., and of the remaining fifty per cent. one-third would be representatives of the Government, and two-thirds representatives of the local authority. Mr. Tristram considered that hospital and health-centre pharmacists should be represented on the Pharmaceutical Committees.

Mr. Bevan refused to consider the suggestion that there should be control over new entrants into the Service, on the ground that pharmacists did other t besides dispensing. Neither did Mr. E take up the suggestion that the pharm who dispenses the prescription, and no proprietor of the business, should ha professional responsibility to the Min The subject of remuneration, the Mi said, would be dealt with by regulatio

At a recent meeting, following the pul tion of the Bill, the Joint Comm expressed the feeling that the Bill sl not be opposed on any major issue, a main things that were asked for had established. The Committee maintains pharmacists who are contractors unde present scheme can meet the requirer of the new service.

A vote of thanks to Mr. Tristram f address was proposed by Miss M. C. Is member of the Council) and seconde Miss Grace May.

EIRE REGISTERED DRUGGI

The position of Registered Druggists under review at a meeting held recent 67 Lower Mount Street, Dublin, and sided over by Mr. D. W. P. Boyd, Dublin. Mr. Fred Storey, Belfast, expl in detail the terms of settlement for gists in the North, as embodied in the Act. Registered Druggists from Mayo, Cavan, Donegal and other c then spoke, and the majority of present declared that the terms o Northern Act, with certain adjustn would be acceptable in Eire. Mr. Whelehan (president, Pharmaceutical ety of Ireland), who was given an ov said he was present entirely in a pe capacity to give any assistance he and not with any mandate from the Co which had not the matter under cons tion. Mr. Whelehan expressed the that, in the near future, the long-av Pharmacy Bill would be introduced Eire legislature. He believed it contain provisions for meeting the c the Registered Druggists much alon lines favoured by those present. A close of the meeting Mr. Boyd, on of the Registered Druggists' Associat Eire, expressed thanks to both Mr. Whe and Mr. Storey for their attendance urged upon all druggists, who wer already Associate Druggists, to beco without delay. Several present a meeting handed in their names fo purpose. A working committee was e to draft suggestions for legislation.

TENANCIES FOR THE DURATION

ɔmmon Law a tenancy "for the on of the war" was held to be void ground that the term granted, when l as at its commencement, was un- in length. The nature of the y in such a case accordingly had to ermined by a consideration of other s, of which the principal one was the for which the rent was paid. Thus, was paid weekly, the tenancy was ɔ be a weekly one; if rent was paid ly, it was held to be a monthly one, on.

tion of War-time Laws Act

ing regard to the general confusion ould arise as the sequel of the above n, and having regard to the large r of cases in which tenancies had ranted for the duration of the war, nent was constrained to pass legisla- meet the situation. The position is egulated by the Validation of War-Laws Act, 1944. That Act only to tenancies "for the duration," r of the European war or of the se war, or otherwise.

first point to note is that the tenancy within the Act, whether the term l is to *end with* the particular war or ies mentioned, or whether it is to thin a stated time *after the end* of ar or hostilities.

s a tenancy "for the duration of the an war," or "for the duration of ropean war *and six months there-* will be on an exactly similar footing as the end is concerned.

second point is to determine what is rticular war or hostilities to which nancy is related. In general, such ies "for the duration" may be one kinds, viz. :—

For the duration of the hostilities *both* in Europe and in the East.

For the duration of the war in Europe only.

ecessary to consider the exact terms lease or tenancy agreement in order rtain what hostilities the parties had d, and for this purpose the general of evidence have been relaxed and urt may admit any evidence in order rtain the true intention of the parties. n there is a doubt as to such inten- he tenancy will be construed as a y for the duration of the particular ing waged *at the date of the agreement.* if the agreement was made in March 1940, and there was a doubt as to the true intention of the parties with regard to the duration of the term, the tenancy would be construed as one for the duration of the war in Europe only.

It would appear that the Courts will give the Act a liberal interpretation. In a recent case the term granted was "for the period of the *national emergency* or European war or threatened European war to be computed from the date of actual entry until *such national emergency or war shall have been terminated* by the signing of terms of peace or such other declaration by the Government that the *national emergency no longer existed.*" Although, in a sense, the national emergency has not yet terminated, the High Court nevertheless held that the tenancy came within the Act and that it could be terminated by the statutory notice, as will be explained later.

How to Terminate a Tenancy

Assuming now that the case falls within the Act, how can the tenancy be properly terminated? The Act itself provides the answer. It can be determined by the serving of at least one month's notice to quit, expiring at any time, after the particular date which has been declared by Order in Council to be the end of the particular war or emergency. For all practical purposes only two dates are material, viz., the date of the end of the European war and the date of the end of the Japanese war. These dates are respectively May 9, 1945, and August 15, 1945. In addition one may also note that the Court held in the above case that the date of the Prime Minister's broadcast on May 8, 1945, was to be regarded as a declaration by the Government of the end of the national emergency.

Generally speaking, therefore, one month's notice is all that is requisite now for determining any tenancy which was granted either for the duration of the war, whether the war referred to was the war with Japan or with Europe, or for the duration of the national emergency, subject to this qualification: if the lease provided for a notice of any particular length, e.g. six months, to be given after the termination of the particular war or emergency referred to, a notice of *that* length and complying with any other requirements of the agreement (e.g. as to the date of expiry of the notice, such as a Quarter day only), with the necessary, and in such a case, the statutory notice of one month, will now be sufficient.

GERMAN CHEMICAL INDUSTRY: DRASTIC CONTROL DEMAND

THE following abstracts are taken from a memorandum issued by the Association of British Chemical Manufacturers on the post war control of the German pharmaceutical chemical and dyestuffs industries relative to recent Press and wireless announcements on decisions so far reached by the Quadrupartite Control Commission in Berlin.

The Association of British Chemical Manufacturers understands that while no decision has yet been reached, proposals are now under consideration to allow Germany freely to resume the export of pharmaceuticals and dyestuffs in order to provide foreign currency with which to pay for imports. The Association fully appreciates the need for a balance of German imports and exports, but cannot but view any such proposals in regard to pharmaceuticals and dyestuffs with grave anxiety from the point of view of future world peace.

The experience of the last two wars has given abundant proof of the enormous war potential of a strong chemical industry, especially one which is highly developed on the organic side as represented by pharmaceuticals, dyestuffs, rubber accelerators, textile auxiliaries and allied products. In the war of 1914-18, Germany was able through her chemical industry to make herself independent of imports of essential materials required for the manufacture of explosives; and to develop and launch the horrors of chemical warfare.

The German chemical industry which had grown in strength and scope between the wars not only enabled Germany, by its synthetic production, to carry on the war even though cut off from natural supplies of vital raw materials, such as oil and rubber; but also developed the many ingenious methods of long-range warfare, including the special new propellants which made possible the long-range rockets. It should be noted that it will be the chemical industry which will develop and manufacture the atomic bomb in the event of any future war. In brief, the chemical industry is the essentially basic industry, in that every other industrial activity including agriculture depends on it for essential raw materials. It is also the most creative of all industries in that it can discover, invent and produce entirely new materials to take the place of those provided by nature and indeed develop substances with special properties which have no counterpart n nature. Without the products of the chemical industry modern war would e impossible. *It is therefore necessary in e interests of world peace to ensure that e special war potential of Germany's chem l industry is either eliminated or adequa y controlled.*

If Germany's organic chemical indu y is to be maintained then this will necessi e a high level of output in the heavy chem l industries which provide the basic y materials for the organic chemist, and s even though the exports of heavy chemi s may themselves be prohibited. The ef t will be to maintain a strong Gerr n chemical industry with special equipm t and facilities capable of easy adapta n and expansion to the production of m tions of war, and, what is even n e important for the purposes of war, c n large army of industrial scientists l technicians trained and practised in all e complex processes of chemical producti To allow Germany freely to export pharm ceuticals and dyestuffs as she did before e war must therefore constitute a seri s danger to the peace of the world.

The sale of these specialist produ s requires the maintenance of a high c s technical service—a service which Germ r has always provided. This means t outside Germany in all the markets of world and in close contact with the inc tries in these markets, there will be gro or cells of German technical experts w can in peace carry on underground act ties, including espionage, on behalf of t country and can in war be used to reinf the army of technicians in the h country. Thus there will be re-establis the tentacles of the octopus which ne strangled the world.

The Council of the Association there strongly urges that the ultimate object should be the complete elimination of German dyestuffs industry. It agrees, h ever, that while world shortages of dyest exist, the German industry under app priate control should be used to fill the in world production; but that as and w any German dyestuff plant ceases to c tribute usefully to the Allied nati requirements, or when the product ma factured by such plant is produced sufficient quantity by the dyestuff ma facturers of the Allied nations, the Gerr plant shall be closed down and the pl itself shall be scrapped.

The Association urges that for the sa reasons similar action should be taken

rds pharmaceuticals as a long-term cy to keep the German industry within onable bounds; but that, in this in-nce, the limitation should extend only he prohibition of exports and of new elopments, leaving the industry free produce the specifics necessary for many's internal needs. War experience shown that adequate supplies of essential maceuticals can be obtained from d sources. In the event of German plies being required on a short-term s to meet temporary world shortages, it ecommended that the necessary pro-ion and export be conducted under Allied control as in the case of dye-s.

conclusion it is important to note that, ever may have been the course of lopments of the chemical industry of countries, the manufacture of dye-s and intermediates was initially nsible for the I.G. and all its ramifica-. It is obvious therefore that an in-y which manufactures dyestuffs and products can again form a nucleus which any other war-like chemical opment can grow. From the experi-of the past it can be said quite cate-ally that the personnel, knowledge and ience, raw materials and plant of the facturers of dyestuffs and allied pro-would be of the greatest importance ilding up a war potential.

e Association would therefore urge that, e sake of world peace, the German ic chemical industry, the great training d of chemical experts of all kinds, be cally dealt with on the lines indicated .

Allied Control Plan

allied plan for the level of post-war an industry in accordance with the am agreement was published in on March 29. The plan provides for ivision of German industry into the ing four categories :—

Industries which are to be prohibited on t of their special importance as war ial, but certain of which are to be d temporarily to meet the domestic ements of Germany till the necessary s can be received and can be paid for.

Industries for which the levels have been o that production capacity in excess of levels may be removed for reparations. industries include the steel and other urgical industries, heavy engineering in-s, light engineering and electrical ies, and chemical industries.

(3) Certain industries, the levels for which have been fixed for 1949, but from which it is not at present intended to exact reparations. The most important item of this class is coal, of which it is intended that maximum production should be achieved.

(4) Industries on which there is no restriction at all—that is, those which are held to have no important war potential, and which it is intended shall supply some of Germany's need for making exports.

In order to eliminate Germany's war potential the production of arms, ammunition, and implements of war, as well as all types of aircraft and sea-going ships, is prohibited. The production of the following is eliminated :—Synthetic petrol and oil, synthetic rubber, synthetic ammonia, ball and taper bearings, heavy machine tools of certain types, heavy tractors, primary aluminium, magnesium, beryllium, vanadium, radio-active materials, hydrogen peroxide above 50 per cent. strength, specific war chemicals and gases and radio transmitting equipment.

Facilities for production of synthetic petrol and oil, ammonia and rubber, and of ball and taper bearings will be temporarily retained to meet domestic requirements until the necessary imports are available and can be paid for. The following are restricted industries : Steel, non-ferrous metals, chemical industries, and machine manufacturing and engineering.

For non-ferrous metals the annual consumption, including exports, of products containing these metals is fixed as follows : copper, 140,000 tons ; zinc, 135,000 tons ; lead, 120,000 tons ; tin, 8,000 tons ; nickel, 1,750 tons. In basic chemicals there will be retained 40 per cent. of the 1936 production capacity, in other chemicals 70 per cent., and in pharmaceuticals 80 per cent.

Penicillin in Ice-cream.—From the San Diego Naval Training Centre comes news of the oral administration of penicillin in ice cream. The method has been found useful for local treatment in streptococcal throat, scarlet fever, trench mouth, gingivitis, stomatitis, and tonsillitis.

The Need for Exports.—Sir Stafford Cripps (President of the Board of Trade), speaking at a luncheon of the British Export Trade Advertising Corporation in London recently, said : . . . We must increase our exports by 50-75 per cent. in volume over pre-war. We have to reach an average of 25 per cent. exports of all our factory production, which is indeed a formidable amount. . . . We must raise them to that level and then keep them there indefinitely.

CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS

Dr. G. R. BOYES, B.Sc., Ph.C., F.R.I.C., L.M.S.S.A.
Joint Honorary General Secretary, British Pharmaceutical Conferenc

No. 3. Specially drawn from life for The Chemist and Druggist

CHIEF OFFICIALS OF DRUG AND PHARMACEUTICAL ORGANISATIONS

Mr. H. TREVES BROWN, B.Sc., Ph.C.
Joint Honorary General Secretary, British Pharmaceutical Conference.

No. 4. Specially drawn from life for The Chemist and Druggist

LUNCHEON TO N.P.U. CHAIRMAN

THE termination of the year of office of the chairman of the National Pharmaceutical Union coincided with the March meetings of the Executive and, in accordance with custom, members of the Executive, with the officers, entertained their chairman (Mr. Eric A. Brocklehurst) at a luncheon held in London on March 26. THE VICE-CHAIRMAN (Mr. Harry Steinman) referred to the praiseworthy manner in which Mr. Brocklehurst had carried out his duties. Mr. Brocklehurst, he said, had succeeded in establishing himself as a national figure, pharmaceutically speaking, and in doing so had earned pharmacists' esteem and high regard. During his term of office their chairman had maintained the high standard set by his predecessors in office, and he felt sure Mr. Brocklehurst would be able to look back on his year of office with the full satisfaction of a duty well done. The year about to terminate had seen two memorable events in world affairs—the defeat of Germany and the collapse of Japan—and in pharmacists' own sphere the birth and development of the N.P.U. Business Purchase and Guarantee Fund, further steps towards a National Health Service, and the still further consolidation of the N.P.U. and its associated bodies. The chairman may well be proud of his contributions to these achievements. MR. STEINMAN asked the guest of honour to convey to Mrs. Brocklehurst the Executive's thanks for leaving Mr. Brocklehurst free to attend to his many duties at Queen Square. Finally, he asked the chairman to accept the Executive's well-earned thanks for services rendered during his term of office.

Mr. E. A. Brocklehurst

Three-year Plan Proposed

MR. BROCKLEHURST suitably thanked Mr. Steinman and those present for their appreciative remarks and for their co-operation during his chairmanship. The present year marked the occasion of twenty-five years' of service of the Union to proprietor chemists, and membership was now at its maximum. This, he said, prompted him to think of those who had worked so h during the early days, and whose ef had helped to bring about the present st ing of the N.P.U. He personally was unmindful of the achievements of those had served on the Executive during twenty-five years of its developm Thanks should also go to the officers staff, whose one aim was to show consid tion for the needs of members, and it been a great comfort during his term office to be able to rely on the guidance help from the secretary (Mr. G. A. Ma son). Circumstances connected with term of office prompted him to think Executive could now give consideratio a second phase of its policy, and he vent to suggest the time had arrived to form a three-year plan further to extend services of the Union to its thousand members with a view to catering for ever-growing needs of proprietor chem in their business activities.

Presentation to Miss Sharples

Miss B. Sharples (assistant secretar the N.P.U.) who is shortly retiring, was recipient at the luncheon of a silver sa suitably engraved and presented on be of the Executive and officers by TREASURER (Mr. A. R. Melhuish) asked Miss Sharples to accept their as a sincere and affectionate tribut her twenty-five years of hard work service to the Union, which, he said, the work of the other officers, had co buted to the building-up of the N. to its present strength.

THE SECRETARY (Mr. G. A. Mallin said he was glad to be able to speal behalf of the officers who had also associ themselves in this recognition of Sharples' services to the Union as assis secretary. Miss Sharples, Mr. Branch, himself had left the Pharmaceutical So twenty-five years earlier to face real work to establish the Union, and in pa personal tribute to Miss Sharples for vices rendered, he wished her a long happy retirement.

MISS SHARPLES thanked all concer and said she particularly wished to t her old friends on the Executive for kindness and understanding sympa during her many years of service to Union, and said she felt sure the futu the N.P.U. would go on and multiply i usefulness. The gift was one she w treasure for the rest of her days.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

monthly meeting of the Council of the rmaceutical Society of Northern Ireland held in Belfast on March 15, the dent (Mr. James McDowell) in the . Members present were Messrs. J. W. , J.P. (vice-president), J. McGregor surer), H. F. Moore, F. R. Moore, . Tate, C. Abernethy, J. T. Nicholl, s Irwin, Dr. S. E. A. Acheson, and ssor E. B. C. Mayrs, M.D. Messrs. . Kirkpatrick (secretary) and Gorman tant secretary) were in attendance.

ription to International Federation

etter was received from the secretary e Pharmaceutical Society of Great n with reference to the revival of the national Pharmaceutical Federation, the Northern Ireland Society was to join. It was decided, on the n of Messrs. McGregor and Aber- , that the Council should send a iption of 50 Dutch florins, provided mount was not greater than £10 g. [The present fixed rate is 10.69 to the £ sterling.—Editor.]

Secretary reported that he had d a reply from the Ministry to his drawing attention to the fact that corporated Cripples' Institute, Belpeared under "registered druggists" list of suppliers under the National Insurance scheme. The reply stated his was an error which would be d when the list was reprinted. Mr. gor pointed out that the Institute peared as a registered supplier of gs, and the secretary was instructed w the Ministry's attention to this.

as also reported that a cheque for ad been received from the Govern- n respect of licensing fees for the nding February 28, 1946. This was e than in 1945.

c Disinfectants

further letter the Ministry of Home stated that the Minister had given nsideration to the views expressed Society through a deputation on 4. The Minister was of opinion that nost desirable that the sale of carbolic tants containing 3 per cent. of phenol be discontinued but, as the adoption a course would penalise a large of traders and the general public, rovision must be made to allow other than pharmacists, chemists, sell reliable carbolic disinfectants. The Minister feels, the letter stated, that the best method of achieving this is to place a certain percentage of phenols, not higher than 30 per cent., in Part II of the Poisons Schedule under the Medicines, Pharmacy and Poisons Act (Northern Ireland), 1945. With this concession made, the pharmaceutical profession would still be in a more advantageous position than members of the profession in Great Britain inasmuch as, in that country, listed sellers of poisons might sell preparations containing up to 60 per cent. of phenols, together with a number of other poisons. After discussion it was resolved, on the motion of Messrs. Gray and McGregor, that the Minister should be notified that there was no change in the Council's views on this question.

The Secretary announced that certificates could be accepted from the following examination candidates: fifteen senior, Ministry of Education; one Queen's University matriculation; two London University; one National University of Ireland; and one senior, Eire Government. The application of one certificate-holder without mathematics and two subjects in Irish could not, said the secretary, be accepted.

Fund Closed

It was decided that the War Distress Fund, formed in conjunction with the Ulster Chemists' Association, should be wound up, the balance to be refunded to subscribers in proportion to their donations.

It was agreed that the Council's visit to Derry, due to be paid in June, should be postponed. A committee was appointed to arrange for a presentation to Mr. Kirkpatrick to mark his forthcoming retirement.

The summer examinations of the Society are to commence on June 24.

Belfast Associates.—The monthly meeting of the Committee of the Associates Section of the Ulster Chemists' Association was held in Belfast on March 26, Mr. M. D. Moore (chairman), presiding. The secretary reported that a deputation to the Minister of Health and Local Government regarding salaries and conditions of employment of hospital pharmacists dispensers had been well received, and that the Minister had promised to go carefully into the matter. Regret was expressed at the sudden death of Mr. E. J. E. Priestly, an associate. The funeral was attended by Mr. M. D. Moore and the secretary. Two applications for Associateship were approved.

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INFORMATION WANTE

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Off l organ of The Pharmaceutical Society of Ire d, The Pharmaceutical Society of Northern Ire d, The Chemists' and Druggists' Society of Ire d and of other Chemists' Societies in the Empire

VO CXLV APRIL 6, 1946 NO. 3452

It Must Not Happen Again

W ublish in this issue (p. 430) substantial ab acts taken from a memorandum issued by e Association of British Chemical Ma facturers, urging that German pro- du n of pharmaceutical chemicals should be astically restricted and her dyestuffs an ntermediates industry eliminated by ord of the Quadrupartite Control Com- mi n in Berlin. The Association's memo- rar m, which we consider to be soberly wo d, points out that the powerful Ge n dyestuffs and intermediates and che cal industries enabled the Nazis to wa war on the world and develop many ne nechanical war weapons despite the fac hat they were cut off from supplies of ny natural products. We append to the bstracts from the memorandum the firs report of the Control Commission's dec ns, outlining the restrictions it is pro sed to impose on German industrial pro ction.

I s common knowledge that Germany bui up her dyestuffs and chemical indus- trie n the years prior to the outbreak of wa n 1939 deliberately as key war- ind ries. Germany broke every rule of fair ading in order to strengthen her own wa otential industries and at the same tim o undermine those of nations she was pla ng ultimately to attack. As early as 192 Germany was sending her nationals to parts of the world to force the sales of products by all and any means. By currency manipulation, by economic and political penetration and by other means, competitive producers in many countries were either put out of business or forced to become parties to international cartels in which, of course, the German I.G. held the dominating position. With the rise of the Nazi regime in 1933, the I.G., which was in full sympathy with, and supported, the National Socialist movement, became a national concern of the first importance. From that time onwards Germany steadily increased her strangle-hold on most of the world's markets open to her. Fortunately, the operation of the Dyestuffs (Import Regulation) Act—which prohibited imports of dyestuffs and intermediates except under licence—and Part I (Key Industries) of the Safeguarding of Industries Act—which levied a duty of 33⅓ per cent. on imports of pharmaceutical and fine chemicals—prevented Germany from swamping this country with her products. These measures were the outcome of the experience of the 1914–18 war, which found this country in serious difficulties due to the weakness of its organic chemical industry. Given this assistance and protection, the British industries have been developed both in efficiency and scope and were well able to meet all the demands made upon them in 1939 and throughout the war years.

The first report of the decision of the Control Commission which came to hand on March 29 is very indefinite and incomplete. No mention is made of the German dyestuffs industry. It may be intended that it will be dealt with under (1) of the four categories into which German industry as a whole is to be divided. As an industry of "specific importance as a war potential," it should most definitely come under the heading of absolute prohibition. It may seem at first sight that the demand for complete elimination of the German dyestuffs industry and scrapping of all plant is excessive and that some method of control and restriction of output for a few years would meet the case. When it is recalled, however, that on two occasions Germany has deliberately schemed and built up this industry solely because it formed the essential nucleus from which almost any and every warlike chemical

development could grow and in due time used it for that diabolical purpose, we submit it would be nothing short of criminal folly not to insist on the complete destruction of Germany's dyestuffs industry. This would not inflict any economic hardship on Germany. There are plenty of other industries with little or no war potential she can develop, the goods of which may be permitted to be exported under control.

"Chemical industries" are included under category (2) of the Control Commission's report. It is thus proposed that any production in excess of Germany's domestic needs would be taken as reparations. The production of "specific war chemicals and gases" is to be eliminated, while 40 per cent. of the 1936 production of "basic chemicals" is to be retained; in "other chemicals" 70 per cent. is to be allowed. In "pharmaceutical chemicals" production is to be permitted up to 80 per cent. of 1936 output. The terms "chemical industries," "basic chemicals" and "other chemicals" are extremely vague and indefinite and quite incapable of detailed interpretation. For that reason it is not possible usefully to comment on the Commission's proposals except to say they are most disquieting. So far as the proposed allowance of 80 per cent. of the 1936 output of "pharmaceutical chemicals" is concerned, we are strongly of the opinion that this amount is considerably in excess of Germany's domestic requirements and that a quota of not more than 25 per cent. would be ample for her own needs. Again, precisely what is meant by "pharmaceutical chemicals"? If it is to be restricted to mag. sulph. and similar medicinal products, this would be a most desirable decision so far as the German nation is concerned, and certainly for the world at large. If, however, this term is to include every type of pharmaceutical, including the wide range of highly specialised "ethical" products, the production of which calls for teams of scientists and research workers, we should most certainly look upon it as permitting the continuance of a highly dangerous war-potential industry. We suggest the Control Commission should seek expert advice on this subject and that a list of "pharmaceuticals" covered by the duction restriction should be laid dow

Recent events, particularly the roun last week-end of some thousands of N who had already formed a strong econ and political underground movement, clear indications of Germany's future i tions, if given a chance. The restricti her chemical industry as a whole to domestic requirements and the com elimination of her dyestuffs and i mediates industry is the only assu worth a rap that Germany will not fo third time attempt world domination.

A Notable Conference

The conference on industry and rese held in London on March 27-28, unde auspices of the Federation of British dustries (p. 442), should become a re occasion because of the opportunit offers for the discussion of common prob between research workers and business While it is unanimously agreed that application and use of science in the industrial life of this country require progressive growth of industrial rese facilities, it is not altogether clear how development can best be achieved. full discussion the conference unanimo agreed, *inter alia*, that every indus concern should be urged to join and the fullest use of its appropriate rese association and, where practicable, establish its own research department. resolution presumably envisages a div of research work into problems of intere the trade as a whole and those of imme practical value to individual firms.

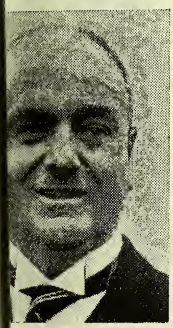
A resolution that "Every industrial should include a qualified official or offi with the specific duty of following ge scientific and technical developments literature and of bringing to the imme notice of the executive authority all ma related to the processes or products o concern" could well have been simpli as the wording accurately describes on the ordinary functions of a research de ment. The conference has also recorded need for increased facilities in indus establishments for training technical sonnel. Firms in the drug trade are b means behind the times in these matte

COUNCIL CANDIDATES

f biographical details about some of the candidates who are standing for election to the cil of the Pharmaceutical Society, May 15, 1946, with summarised statements of policy.

H candidate was invited to send in for ication a statement of policy not ex- ing 250 words.

ITAGE, George Henry

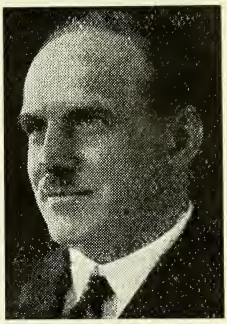


QUALIFIED 1912. Served overseas in Special Brigade, 1916–18. In recent war organised Civil Defence parties in Central London. Branch manager for Boots, Ltd. London. Committee member London Branch of the Society; also vice-chairman, Finchley Division. Attended delegation to Minister of th as president, National Pharma- cal Employees' Union. One of the isers, National Organisation of Em- e Pharmacists. Policy:—

spensing solely by pharmacists and/or nacists and apprentices under super- n. Charter brought up-to-date. (My n on this subject was passed unani- ly at Society's annual meeting, 1944). ch system extended by grouping, on county or regional basis (delegates ding annual Conference would provide cil with national machinery, making nacy fully articulate). Fullest pub- for Council proceedings (whenever ble) and voting records published. r National Health Service, free choice hemist. Pharmacy to rank as an endent unit, wherever pharmaceutical cipation is required, with statutory and ing advisory representation at all , including adequate employee repre- tion on a conjoint basis. Increased nsing fees, plus profit margin on drugs appliances. Chemists' shops, as con- rs, to receive State subsidy comparable at of sub-Post Offices. Ministerial ol through statutory regulations re- s watching closely. Security of tenure tail pharmacists is vital.

reased J.I.C. rates, on a professional cannot be paid unless the contractor es adequate remuneration. Council ociety must take steps to advance s of pharmacists by a dynamic .

CROWE, John Edwin



QUALIFIED 1920. In business since 1923. Now managing director of Jenners (Chemists), Ltd. (private limited company with ten retail branches. On Executive Committee of Sheffield Branch (except for one year) since its foundation, and previously social secretary of old Sheffield Chemical Society. Ex-chairman of Branch, and its representative at all Conferences since 1930. Member of Sheffield Pharmaceutical Committee for over twenty years. Policy:—

My policy is briefly as follows:—

1. Direct approach now to the Ministry of Health with concrete scheme whereby chemists would be responsible for pharmaceutical service under the proposed new National Health Service, on the following lines:—

(*a*) In the interests of the nation the experience and capabilities of chemists should be used to the fullest extent in every relevant activity.

(*b*) The chemist has long been the confidante and adviser of the public; this contact should be maintained and positive use made of it.

(*c*) Research by chemists should be encouraged, and should receive active official support.

(*d*) Conditions of service should include N.P.U. dispensing fees based on sixteen doses and *pro rata*. Dispensing after normal hours of business to receive remuneration at 7s. 6d. per hour, plus normal fees.

2. All interested sections to be represented on any Committee negotiating with the Ministry of Health.

3. Employees to be represented on local pharmacy boards.

4. Better provision in the provinces for education, e.g., post-graduate courses.

5. Pharmacy to press for representation when proprietaries are officially reviewed.

6. Better publicity for pharmacy.

7. No co-option to Council. No asterisks for retiring councillors.

CURRIE, David

THE criticisms I made last year on the quality of leadership provided by the Council stand confirmed when its members' conduct over the past year is reviewed (e.g., the changes of tactics on National Health Service leading to an unsatisfactory meeting with the Minister of Health, and to a completely inept handling of the proposed by-law on canvassing). I said last year that there was a great need for leadership from the Council. For long it has been diffident, lacking in power and assertiveness, seldom providing a stimulating lead. As a result, pharmacy has now been placed in a position of real weakness. Pharmaceutical opinion must be co-ordinated by a Council acting with vision and determination, thus eliminating the dissension which divides pharmacy's ranks. There is need for a positive statement on pharmacists' position in relation to pharmacy in the health centre, and not merely a fruitless opposition to the whole idea. Pharmacy's policy should be founded on pharmacy's contribution to, and protection in, the new service. The establishment of a national committee advisory to the Council, representing the major groupings in pharmacy, would bring the Council into closer contact with the aspirations of all sections, and would reinvigorate its leadership. Educational policy requires re-examination. We must beware lest the chemist and druggist should become the semi-skilled of pharmacy.

FOSTER, Bernard

THE Government has made clear that the Bill which the Minister of Health will shortly present will be the basis of a comprehensive Health Service, and the pharmacist will be called upon to play an important part in this. It is essential that younger members of the Society (those most affected by the Act) should be represented on the Council. This applies in particular to the organised employee, who is not yet represented on the Council. The duties before members of the Council are to ensure that a pharmaceutical service above reproach is offered to the public, and to take the present great opportunity to see that adequate remuneration is afforded to pharmacists, whether in private pharmacies or in health centres. It is not too late to achieve unity, and this would be of great help in discussing terms of service. We must press for adequate representation at the various levels on the Committees that will administer the Act. The Society must give a lea bringing about control of fraudulent dangerous "patent" medicines. Reha tation of pharmacists returning from Service is of primary concern. There m however, be no "dilution." I wish to a high standard of professional con in pharmacy. Instruction in ethical con might, with benefit, be introduced into students' training. Facilities for p graduate study should be available in large cities. Chemists adversely affecte health centres should be compensated.

GILMOUR, John

SERVED apprenticeship in Wigtown, Scotland. Afterwards assistant with Duncanson & Raffan, Stirling, and with the late Mr. Alexander Boyd, Pollokshields, Glasgow, for six years. Passed the "Minor" at Edinburgh in 1908. Qualified assistant at Southport for seven years, afterwards joining the staff of B Ltd. Became a trade union official in 1 and is now National Officer with National Union of Distributive and A Workers. Chairman, National Joint In trial Council for Retail Pharmacy, 1945 a member of the Central Pharmaceu War Committee. Policy :—

I advocate the rightful assignment of pharmacist in the foreshadowed He Service by reason of his technical trai experience and traditional service to community. I believe that a limi extension of the sale of drugs through

ablishment of drug stores, etc., is inimical the best interests of the public, and sider that the Pharmaceutical Society uld give close examination to this ortant problem. In a Health Service thy of the name, education and control uld play a part in combating the evils elf-medication. While recognising adtages that can accrue from the direct rests of Government in a National lth Service, I do not consider the State e the end towards which all is directed to which all must bow. As a trade n official, I desire to see the voice of employee find expression in the Council nber—not by grace of privileged con, but by the declared voice of pharmy at the ballot box. I consider that macists engaged in the Health Service nployees should be eligible for nomina to Insurance Committees. The time lecision in that respect is within the tself, not later on. On the rehabilitaof returning pharmacists I reiterate a ical and sympathetic consideration of needs. I regard the proposed by-law ut-of-date. If its interpretation is to st that a successful candidate, through sue of an election address, may render turn void, its actual application might de an interesting test case.

IRNE, Jean Kennedy

QUIFIED from retail. Served terms as ied assistant with Glasgow Apothes Co., John McMillan, Glasgow, and ow Royal Infirmary. At present intendent, South-eastern Pricing Office onal Health Insurance). A pastent, National Association of Women nacists. A past-president, Insurance mittee Officers' Association for England Wales. A member of the Whitley il of Insurance Committee Administe, Technical and Clerical Services. ger of the Superannuation Fund for nce Committee Officers. One of il's representatives on Central naceutical War Committee.

policy is as follows :—

No dilution of pharmacy by unqualified s. The dispensing and compounding dicines to be done solely by pharma During the last six years we have had up with the introduction of "drug " who in a short time became ensers." The exigencies of war d these people to undertake the ng of drugs and compounding of nes. Under the new Health Service, s will no longer dispense. Are their present "dispensers" and the redundant "drug hands" to be drafted into pharmacy to do State dispensing?

2. The great developments and changes that have taken place in medicine demand that the educational policy of the Society should keep pace with new discovery. The pharmacist today must have a wide knowledge of chemistry, biochemistry and physiology if he is adequately to fulfil his function as compounder of medicines. This means a revised syllabus and refresher courses throughout the country.

3. There is urgent need for more pharmacist representatives in the House of Commons.

4. Pharmacists, moreover, will never get anywhere unless they cultivate and educate public opinion on their training and function. The highly trained pharmacist is the only sure safeguard of the safety and health of the people in time of sickness.

With recognition there should also be adequate remuneration for services rendered under the Scheme.

5. The Society should, so far as lies in its power, assist non-proprietor pharmacists to form a strong Association able to speak and act for its members.

Letters in Support of Candidates.—Owing to pressure on our space it is not possible to publish a number of letters received from Branches and individuals appealing for support for candidates.—EDITOR.

Co-operative Pharmacy Plans.—The question what is the minimum population necessary successfully to maintain a pharmacy was raised at a conference at Saltash, Cornwall, on March 9, organised by the Cornwall Co-operative District Council. The chairman announced that the Lostwithiel Society was shortly establishing a pharmacy; he believed other Cornish societies would follow suit. A Saltash delegate said that his society, which already had the land, would be one of these, and a woman delegate stated that the West Cornwall Society was also hoping to have its pharmacy. Another delegate said his own society was going to seek further expert advice.

CONFERENCE ON INDUSTRY AND RESEARC

A TWO-DAY conference, held in London on March 27–28, under the auspices of the Federation of British Industries, took as its leading subject the application of science by industry and the part that research is playing, and can play, in promoting industrial efficiency, exports, full employment and a higher standard of living. The occasion provided a suitable opportunity for representatives of organised industry and those who are leading and directing industrial research to meet and discuss their common problems. Divided into four sessions, the conference studied the application of research to the community, to production, to industrial expansion and to industry generally.

Science, Industry and the Community

SIR ROBERT ROBINSON, president of the Royal Society, who opened the proceedings, said he was deeply sensible of the honour conferred upon him by the Federation. In the course of his address he referred to penicillin. The story of that discovery, he said, provided a microcosm of the world of research. There was first the discovery by Sir Alexander Fleming, quite unpredictable; then the deliberate *ad hoc*, but fundamental, researches of Sir Howard Florey, E. B. Chain and their colleagues. Their resounding success was a matter of history. The next stage was development, production and all the accompanying refinements of mycological, medical, and manufacturing technique.

The address by the chairman of the session, SIR CLIVE BAILLIEU, president of the Federation of British Industries, welcomed visitors to the conference. The Federation, he said, had had under review the contribution which scientific research and the scientific method could make to the expansion of their industrial effort and the economic recovery of the country following a long and exhausting war, which called for unprecedented efforts on the part of British industry. Britain's national slogan must no longer simply be that "Britain *delivers* the goods," but a "Britain *creates* the goods."

SIR WILLIAM LARKE, chairman of F.B.I. research committee, said their p pose was to ensure the maintenance existing and the creation of additio facilities for the progressive increase fundamental knowledge on the one ha and its rapid application to the service industry for the benefit of the communi

SIR EDWARD APPLETON, secretary of Department of Scientific and Indust Research, referred to what he described "objective fundamental research." differed from fundamental research in t the ultimate end in view was practi though its immediate results might have direct application.

SIR HAROLD HARTLEY gave three gol rules for research in industry. First sympathetic chairman; secondly, a g board to show interest; and thirdly, fit accommodation for the work.

SIR ERNEST SIMON, chairman of Council of Manchester University, said task before the provincial universities to double the number of science stud within ten years without lowering standa

The Wednesday afternoon session conducted by MR. JOHN WILMOT, Mini of Supply and Aircraft Production. proceedings comprised the reading of t nical papers, followed by a discuss Winding up, Mr. Wilmot said our indust future depended on the response made British industrialists to the opportuni offered to them by science. They must prepared to scrap outmoded processes.

F.B.I. Conference on Industry and Research. *Left to right*: Sir Norman Kl Sir Harold Hartley, Sir Robert Robinson, Sir Clive Baillieu (chair Sir Edward Appleton, Sir William Larke and Sir Ernest Simon.

ientific Research and Industrial Expansion

The second day's proceedings were to ve been opened by Mr. Herbert orrison, Lord President of the Council, o was, however, unavoidably detained. e conference, therefore, heard first a per by Dr. R. E. Slade, lately research troller, Imperial Chemical Industries, d. Dr. Slade described how new indus- es arose in north central England where, thought, there occurred for the first time system of government and an outlook ong the people combined with certain terial and physical conditions which de it possible, though not easy, for ention and new industries to flourish. eign manufacturers who were using entists in all branches of their organisa- ns became serious competitors. The portance of this was not at first realised. the chemical industry these foreign nufacturers made great advances in s and drugs, whilst manufacturers in country had to be content to leave this l to them for many years. Dr. Slade cribed how new industries arose from a earch laboratory. Research, he said, ld produce new ideas which created a kind of want—an electric razor, a less set, a new kind of drug such as honamide or penicillin, or a scientific d-killer which would destroy the weeds hout harming the crop. Science, research organisation were all necessary aids for man who was producing the drive, but hout the direct personal drive there ld be no new industry.

r. Herbert Morrison said industrial ansion was one of the most important blems facing the nation today. They t look to expansion for the means of ing necessary imports by increasing orts, and as the most rapid means of ping from the period of austerity. ustrial expansion was essential if they e to carry through and support success- the extension of their social services. Morrison wanted to see first-rate keting research, guided by the methods atistical science that proved so fruitful ng the war.

he remainder of the morning session occupied by the reading of papers by C. H. Davy and Mr. A. J. Philpot, wed by a discussion during which Sir ry Tizard, president of Magdalen ege, Oxford, appealed for higher quality echnical education, particularly in the ches of higher technology.

he Thursday afternoon session, under chairmanship of Sir John Anderson, included papers by Dr. P. Dunsheath and Sir Raymond Streat, followed by discussion and a summing up of the Conference by Sir William Larke. Collaboration between science and industry, said Sir William, had been firmly established.

RECENT RESEARCH

Disinfestation with DDT.—Writing in "Municipal Engineering" (February 21, p. 117), J. E. Blease (Sanitary Inspector, City of Salford) stated, on disinfestation experiments carried out in the City with DDT material: "I declare that as a means for eradicating insect pests which infest home or bodies, DDT in some prepared form will prove infallible. That deliberate statement . . . is a sober conclusion reached after many years of disappointing experiences followed by twelve months' careful work with the new material.

The merits of DDT may be detailed as follows :—

It is toxic to insects and yet not injurious to mammals.

It is stable.

It does not repel insects.

There is no objectionable feature.

DDT is cheap enough to allow wholesale disinfestation of premises to be carried out at reasonable cost.

The slowly developing paralysis occurs in the case of all insects attacked, whether they are of biting or sucking types.

The house fly succumbs quickly, exhibiting excitability almost immediately after foot contact, noticeable paralysis is observed in the hindmost pair of legs after about ten to fifteen minutes, and difficulty in alighting from the wing is apparent; the insect becomes totally paralysed in forty minutes or so and death takes place about an hour after first contact. In the case of the common cockroach some two or three hours usually elapse before signs of inco-ordination appear and an affected cockroach is capable of erratic movement, with progressive loss of balance, for a further two to four hours before losing the power to remain upright, and this insect will lie supine with twitching limbs for perhaps twenty-four hours before death ensues. The bed bug would appear to have even greater tenacity, for although inco-ordination manifests itself some two or three hours after contact, the bug may resist advancing paralysis for a whole day before becoming helpless on its back and may remain feebly alive for two days more. The outstanding feature of DDT insecticide is not "knockdown," but the residual toxicity of the solid crystalline substance.

OVERSEAS TRADE NEWS

Medicinal Plants from Spain.—A Reuter dispatch from Madrid states that exports of medicinal plants from Spain in January show a considerable decrease compared with the monthly average in 1945.

U.S.–Uruguayan Linseed Agreement.—A U.S.–Uruguayan agreement for the sale of the exportable surplus of Uruguayan linseed has now been signed. Prices, which are on a f.o.b. basis, are 14.20 pesos per 100 kilos for old crop and 13.60 pesos for new crop.

Brazilian Menthol Exports Increased.—Advices from Sao Paulo report that exports of menthol from Brazil in 1945 increased to 568,000 kilos, valued at 118 million crz., compared with 273,000 kilos of a value of 102 million crz. in 1944. The bulk of exports went to the United States.

Imports into U.S. Zone in Germany.—About 100,000 tons of goods, including a large proportion of chemicals for the production of fertilisers, have been imported so far into the U.S. zone of occupation in Germany. The supplies are stated to have come chiefly from the Netherlands, Denmark and Sweden.

Smaller U.S. Soya Bean Production.—The area under soya bean cultivation in the United States this year may be two million acres below last year's 10,500,000 acre level, unless a wet and late spring makes it impracticable for farmers to plant corn and small grains, according to Mr. H. L. Roach, president of the American Soybean Association.

Soya Bean—Olive Oils Exchange.—The U.S. Department of Agriculture announces that 200 metric tons of soya bean oil will be allocated for export to Syria and a further 200 metric tons for the Lebanon in exchange for equivalent quantities of olive oil for importation into the United States. The allocations are for the second quarter of 1946.

Soap Shortage in South Africa.—According to a Johannesburg message there is an acute shortage of soap in the Union of South Africa brought about by a lack of oils. Supplies which formerly came from the Belgian Congo and the West Coast of Africa are apparently being diverted to Europe, it is reported, while the pre-war deliveries from Far-Eastern sources are not now available. Furthermore, supplies which in normal times came from India, are now unobtainable.

South African Gelatin Industry.—A Reu message from Johannesburg states th gelatin manufacturers have applied tariff protection on the grounds that t industry is seriously threatened by overse competition. It is stated that a sin consignment of gelatin from abroad co seriously affect the local industry, country's annual requirements in tonna being extremely low.

Deterioration of Malayan Roteno Estates.—Roots of derris plants on esta comprising approximately 2,500 acres British Malaya will deteriorate within next six months if not afforded proper ca as a result of Japanese neglect, accord to the U.S. Department of Commerce. T total area of land now under rotenone p duction in the country is about 4,000 ac and stocks of derris, currently estima at 175 tons, are stated to be earmarked the British Ministry of Supply.

Expansion of Phosphorus Applications The commercial development of new ph phate chemicals for the manufacture soap, foods and drugs has expanded phosphorus market considerably, accord to the president of the Victor Chem Works of America. He said the increas demand for phosphorus compounds brought about the continuance of shortage of the material, despite the pro release at the end of the war with Ja of a portion of the U.S. Governme supplies.

Wax from Brazilian Ucuuba Nut.—In v of the world shortage of waxes, the fats oils industry has been investigating possibility of utilising wax from the nu the ucuuba tree, found in the Ama Basin of Brazil. The principal use for wax is as an adulterant in the manufac of low-grade soaps. Experiments to de a method for removing the resinous con of the wax, thereby permitting its us the manufacture of such products as metics and candles are reported to b progress. Ucuuba wax extracted from 1945 nut harvest is estimated at 825 s tons. Most of the wax is consume Sao Paulo, although a new soap factor Recife may use this product. Wax exp which amounted to slightly over 1,000 s tons in 1941 and fell to about 250 ton 1945, went principally to the United St During some years the United States the exclusive purchaser and no ucuuba are reported to have been exported.

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include exceptional marine risk insurance and other abnormal charges payable under present conditions.

28 Essex Street, W.C.2, April 3

REPORTS to hand indicate that conditions n the London drug and chemical markets re about the same as those prevailing hroughout the whole of the past month, usiness continuing on a modest scale, with rices generally firm. The only notable rice alteration to occur during the week s a sharp rise in BISMUTH metal from s. 8d. to 9s. per lb., as a result, it is stated, f strikes in America and heavy demand. he price was last advanced at the end of 945 by 5d. per lb. No notification has een received of any corresponding alteraion in the price of bismuth compounds.

rude Drugs

These markets have kept fairly steady roughout the week, but business is only odest in amount. Empire AGAR appears be giving satisfaction to users, but it is kely that buyers would look with favour the Japanese product if it became vailable. ANTIMONY continues in good emand with prices maintained at the cent increase. ARECA NUTS are easier on e spot, but the shipment price is unanged. Offers of CAMPHOR are reported om China and some business has been ne. CARDAMOMS continue scarce and ceedingly firm. CASCARILLA quills are minal, but new stocks are expected. HILLIES and other SPICES are quiet and nchanged in price. First-hand supplies KAMALA appear to have been cleared. HUBARB is being offered from China. ANDELILLA WAX is nominal on the spot.

xpressed Oils

The Minister of Food announces that ere will be no change in the existing ices of UNREFINED OILS and FATS and ECHNICAL ANIMAL FATS allocated to imary wholesalers and large trade users ring the five weeks ending May 5.

U.S. Drug Market Report

New York, March 29

SHARP rise in the quotation for domestic ERCURY featured the FINE CHEMICALS arkets during the week ; a strong demand s been noted while supplies of homeoduced metal are limited. Despite recent rs of the imposition of economic sanctions on Spain which would cut the United States off from its chief source of imported mercury, the metal is being offered for prompt shipment. Meanwhile, some Chilean and Mexican material is reported afloat. An advance in the quotation for Brazilian MENTHOL was recorded in the middle of the week though it is believed that offerings of the Chinese product will have considerable bearing on the price of the former, in the future. The lack of imports from Brazil has been conspicuous in view of the progress of the peppermint oil crop there. It is now feared that the GLYCERIN supply situation will not vastly improve in the summer months since the settlement of strikes in various industries will bring about an increased demand. CITRIC ACID is moving out to consumers in substantial quantities and a larger capacity in various industries will result from the improvement in the sugar supply. There have been notable arrivals on the CRUDE DRUGS markets here, including the first shipment of Kenya PYRETHRUM to be made through private channels since the beginning of the war. Previously, all purchases have been made through the U.S. Commercial Corporation. Brazil, who supplied the United States with considerable quantities of pyrethrum in the war period, doubled her 1942-43 production of approximately 1,000 tons, within two years, it is reported. The United States agreement with Brazil under which the latter's whole surplus was absorbed, terminated on December 31, 1945. The arrival of a large shipment of Italian JUNIPER BERRIES may cause a decline in the quotation, providing the material passes the Food and Drug Administration ; detention of VALERIAN and RHUBARB ROOTS has brought about higher quotations in these items lately. Considerable interest has been aroused by the offering of Central American IPECACUANHA ROOT, breaking a six-weeks' famine on the domestic market. A delivery of approximately 850 tons of CARNAUBA WAX from Brazil interested the market but this consignment will be disposed of directly into consuming channels. The ESSENTIAL OILS market has been featureless though a good inquiry continues. The increased sugar allocations to certain industrial consumers will bring about extra interest in flavouring oils this summer.

Pharmaceutical Chemicals

ACETANILIDE.—Powder is quoted at 2s. 5d. per lb., and crystals at 2s. 6d.

AMPHETAMINE.—Makers' price is steady at 150s. per lb.

ASPIRIN.—Makers' prices per lb. for the home market are steady. Rates, in quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 4s. 1½d. (1-lb.); 4s. (4-lb.); 3s. 11d. (7-lb.); 3s. 10½d. (14-lb.); 3s. 9½d. (28-lb.).

ASPIRIN TABLETS.—Makers quote bulk supplies per 1,000 as follows: Under 5,000, 3s. 6d.; 5,000 and over, 3s. 4d.; 10,000, 3s. 3d.; 25,000, 3s. 1d.; 50,000, 3s.; 100,000, 2s. 11d.; 250,000, 2s. 10½d.; 500,000, 2s. 10d.; 1,000,000, 2s. 9d.

ATROPINE.—Home market prices per oz. are: ALKALOID, 42s. 6d.; 4 oz., 42s.; 25 oz., 41s. 6d. SULPHATE, 34s.; 4 oz., 33s. 6d.; 25 oz., 33s. METHYLBROMIDE and METHYLNITRATE, 75s.

BARIUM SULPHATE, B.P. (*x*-ray).—Prices per lb. quoted by makers, in 28-lb.–1 cwt. lots, for home sales are (containers in brackets): 1s. 6d. (1-lb.); 1s. 4½d. (4-lb.); 1s. 3½d. (7-lb.); 1s. 3d. (14-lb.); 1s. 2d. (28-lb.). Prices are net, one month.

BISMUTH CARBONATE.—Quoted per lb. as follows, in lots of 14 lb.–28 lb., for the home trade (containers in brackets): 11s. 2½d. (1-lb.); 11s. 1½d. (2-lb.); 11s. 1d. (4-lb.); 11s. (7-lb.); 10s. 11½d. (14-lb.). CITRATE, 2s. per lb. above; SALICYLATE, 6d. per lb. above; SUBGALLATE, 4s. 3d. per lb. above; SUBNITRATE, 1s. 2d. per lb. below.

BORIC ACID.—Current rates per ton are as follows: B.P. quality, granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards.

BRUCINE.—Current rates per oz. are as follows: ALKALOID.—Under 25 oz., 1s. 4½d.; 25 oz. and under 100 oz., 1s. 4d.; 100 oz. and under 500 oz., 1s. 3½d. NITRATE and SULPHATE.—Under 25 oz., 1s. 3½d.; 25 oz. and under 100 oz., 1s. 3d.; 100 oz. and under 500 oz., 1s. 2½d.

CHLORAL HYDRATE.—Steady; current prices are as follows: 1 cwt., 3s. 10d. per lb.; 56 lb., 4s.; 28 lb., 4s. 2d.; 14 lb., 4s. 6d.; 7 lb., 4s. 9d.; less, 5s. 3d.

CITRATES.—Prices per lb. for POTASSIUM, in quantities of 28 lb.–1 cwt., are as follows (containers in brackets): 3s. 7½d. (1-lb.); 3s. 6d. (4-lb.); 3s. 5d. (7-lb.); 3s. 4½d. (14-lb.); 3s. 3½d. (28-lb.). FERRI ET AMMON. CIT., B.P., 2d. per lb. above; SODIUM, B.P., 3d. per lb. below; POWDER, 1d. per lb. extra.

CODEINE.—Current prices per oz. for small lots are as follows: Base.—½ oz., 55s. 3d.; 1 oz., 52s. 9d.; 2 oz., 51s. 3d.; 3 oz., 50s. 6d.; 4 oz., 50s. 3d. HYDROCHLORIDE.—½ oz., 50s.; 1 oz., 47s. 6d.; 2 oz., 46s.; 3 oz., 45s. 3d.; 4 oz., 45s. PHOSPHATE.—½ oz., 43s. 9d.; 1 oz., 41s. 3d.; 2 oz., 39s. 9d.; 3 oz., 39s.; 4 oz., 38s. 9d.

IODINE PREPARATIONS.—Current home qu tations are: POTASSIUM IODIDE, B.P.—112 l 9s. 3d.; 28 lb., 9s. 9d.; 14 lb., 10s. 3d.; 7 l 11s. 9½d.; 4 lb., 12s. 3½d.; smaller quantiti 12s. 9d. per lb. SODIUM IODIDE, B.P.—28 l 10s. 2d.; 14 lb., 10s. 8d.; 7 lb., 12s. 5½d.; 4 l 13s. 1½d.; smaller quantities, 13s. 11d. IOD FORM, B.P.—28 lb., 13s. 4d.; 14 lb., 13s. 10 7 lb., 16s. 0½d.; 4 lb., 16s. 10½d.; smaller qu tities, 17s. 8d. IODOFORM CRYSTALS.—2s. 1 lb. above powder prices. IODINE RESUBLIM B.P.—112 lb., 10s. 8d.; 28 lb., 11s. 2 14 lb., 11s. 8d.; 7 lb., 13s. 5½d.; 4 lb., 14s. 1½ smaller quantities, 14s. 10d.

LACTATES.—Prices are as follows: LAC ACID.—Six-winchester lots, 3s. per lb.; sma quantities, 3s. 1d. CALCIUM LACTATE.—Sm quantities, 2s. 5d. per lb. CALCIUM SODI LACTATE.—Powder, small lots, 3s. 7d. per l 14 lb., 3s. 4d.; 28 lb., 3s. 2d.; granular, penny per lb. extra.

MAGNESIUM CARBONATE, HEAVY.—Home m ket prices per lb., in lots of 28 lb.–1 cwt., as follows (containers in brackets): 1s. (1-lb.); 1s. 5½d. (4-lb.); 1s. 4½d. (7-lb 1s. 4d. (14-lb.); 1s. 3d. (28-lb.). Prices 1 one month.

MAGNESIUM CARBONATE, LIGHT.—Prices lb. for the home market, in quantities of 28 l 1 cwt., are as follows (containers in bracket 1s. 4d. (1-lb.); 1s. 2½d. (4-lb.); 1s. 1½d. (7-lb 1s. 1d. (14-lb.); 1s. (28-lb.).

MANDELIC ACID.—Current quotations are follows: 1 lb., 22s. per lb.; 4 lb., 20s. 3 7 lb., 18s. 6d.; 14 lb., 16s. 9d.; 28 lb.,

METHYL SALICYLATE.—Smalls are quoted 2s. 6d. per lb.; winchesters at 2s. 1½d.; 56 in demijohns, 2s.; 1 cwt., in demijohns carboys, 1s. 11½d.; 5 cwt., 1s. 11d. All pr net.

POTASSIUM PERMANGANATE.—Current r are as follows: B.P. (in 1-cwt. drums), 1 and over, 1s. 8½d. per lb.; 3 cwt. and o 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 and over, 166s. 3d. per cwt.; 3 cwt. and o 161s. 9d.; 5 cwt. and over, 159s. 3d.; 1 and over, 156s. 9d.; 4 tons and over, 154s. TECHNICAL (in 5-cwt. drums), 5 cwt. and o 156s. 9d. per cwt.; 1 ton and over, 154s. 4 tons and over, 152s. Terms net, carr paid station, containers extra and return

Crude Drugs

AGAR.—In good demand, with En produce appearing to give satisfaction to u

ANTIMONY.—Demand for this metal conti in excess of supplies. Prices are as foll Minimum 99.6 per cent. regulus, £132 per ton; minimum 99 per cent., £125; 7 cent. crude, for the home trade, £105 per delivered.

ARECA NUTS.—Dealers now quote at per cwt. on the spot; shipment, 55s., c.i.f.

BALSAMS.—*Canada* continues firm but spot price is unchanged at from 13s. 6 14s. per lb.; *Peru*, steady at 8s. 3d. per *Tolu* and *Copaiba* are unobtainable.

Bismuth.—A sharp advance is recorded to s. per lb. for high-grade metal in minimum -cwt. lots.

Buchu leaves.—Small spot supplies are ow obtainable at 5s. per lb.

Camphor.—American synthetic is priced at s. 6d. per lb. Offers are reported from China nd business is stated to have been done at rices varying from 10s. 6d. to 12s. 6d. per lb., ity paid, but the exact standard of the product ppears to be uncertain.

Cardamoms.—Continuing scarce and very m. Aleppy seed, spot, 8s. 6d. per lb.; leppy greens, 7s. 3d. to 7s. 6d.

Cascarilla.—Quills nominal at 3s. 6d. per .; further supplies are stated to be coming ong.

Chaulmoogra.—*Hydnocarpus*, spot, in tins cases, 2s. per lb.

Chillies.—Business is quiet, prices unanged. Mombasa, spot, 150s. per cwt., lers.

Cinnamon.—Chips, in small compass on ot, 2s. 2d. per lb.; quills are unobtainable.

Cloves.—Quiet conditions obtain, with ot at the lower level of 1s. 1d. per lb. noted t week. Shipment, April–May, 9¾d. per lb., f., buyers' licence.

Cochineal.—Silvers and blacks are quoted the spot at 5s. 6d. per lb.

Colocynth.—From 2s. 6d. to 2s. 9d. per lb. uld be required on the spot for good-quality p.

Gum acacia.—Kordofan cleaned sorts, in ited supply, is quoted on the spot at 67s. 6d. cwt.; bleached is at 145s., and cleaned ha at 42s. 6d.

Henbane.—Indian leaf is quoted on spot 250s. per cwt., and Egyptian (*muticus*) at .

Jalap.—Material testing 12.1 per cent. is ainable on spot at 3s. 3d. per lb.

Kamala.—Spot supplies appear to be austed.

Karaya gum.—Indian No. 1 gum is quoted the spot at 215s. per cwt.

Kola nuts.—Small spot supplies are quoted follows: African quarters, 8d. per lb.; ican halves, 6d.; Jamaican washed halves,

Menthol.—Brazilian continues in request. e steady at 32s. to 35s. per lb.

Nux vomica.—A few parcels of Cochin on t are quoted at 45s. per cwt.; Mangalore, 6d.

Pimento.—Spot sellers at 1s. 3¼d. per lb.; ment, 122s. 6d. per cwt., c.i.f., buyers' ice.

Quillaia bark.—Some parcels are afloat. ural will be at 110s. per cwt., and cut at ., ex warehouse.

Rhubarb.—Offers are reported from China prices ranging from 11s. 6d. per lb. for slightly wormy material to 13s. for good-quality, for April-May shipment, c.i.f. It is expected that the spot market will be adequately supplied in a few months' time.

Sarsaparilla.—Some spot business is reported in native Jamaican at 5s. per lb.

Seeds.—The position as noted last week is unchanged.

Tragacanth.—Selected grades continue scarce but the price is unchanged at £160 per cwt. Medium grades are quoted as follows: No. 1 white, £145 per cwt.; No. 2, white, £125; No. 3 white, £110; No. 4 white, £85; pale leaf, £50; amber leaf, £50; dark amber, £35; brown leaf, £25; red-and-brown leaf, £20; red leaf, from £17; hoggy, £12 to £15.

Turmeric.—Supplies afloat but available only for export are priced at 85s. per cwt.

Valerian root.—Belgian material may be obtained on spot at 290s. per cwt.

Waxes.—Bees'.—Quoted on the market as follows: Dar-es-Salaam, spot, 330s. per cwt.; shipment, April-May, 310s., c.i.f.; Benguela, April-May, 275s., c.i.f.; Abyssinian, April-May, 280s., c.i.f. Carnauba.—Fatty grey, 850s., nominal; chalky, 825s. nominal; prime yellow, 1,100s., nominal; shipment, fatty grey, 800s., nominal; prime yellow, 880s. nominal. Ouricuri.—Spot, 8-9 per cent., 600s. per cwt.; forward, no offers. Candelilla.—Spot, nominal; shipment, to arrive, April-May, 435s., in store.

Essential and Expressed Oils

Clove.—English distilled bud oil continues to be quoted at 12s. 6d. to 13s. per lb., according to quantity.

Castor.—Bulk supplies of "firsts" are officially priced at £82 per ton and "seconds" at £80, both naked ex works.

Coconut.—The following are the fixed prices for bulk quantities: Crude, £49 per ton; refined deodorised, £49; refined hardened deodorised, £53.

Cottonseed.—Official quotations are as follows: Crude, £52 2s. 6d. per ton; washed, £55 5s.; refined edible, £57; refined deodorised, £58, naked ex works.

Groundnut.—Bulk supplies are officially quoted as follows: Refined deodorised, hardened to 40°, £62 per ton; refined deodorised, hardened to 50°–52°, £63.

Linseed.—Fixed price of crude is unchanged at £65 per ton, naked ex works.

Olive (edible).—Drums, 25s. 9d. per gallon of 9 lb., ex wharf London. Prices charged by wholesalers are as follows: 33s. 6d. per gall. in 1-gall. loan cans; 34s. 3d. in ½-gall. loan cans; 35s. in 1-quart loan cans; 36s. per gall. in 1-pint cans.

Palm kernel.—Bulk supplies are officially priced as follows: Refined deodorised, £49 per ton; refined hardened deodorised, £53, naked ex works.

TRADE MARKS

(From "The Trade Marks Journal," March 27)

"BETAGRAPH"; for photographic chemicals and sensitised materials (1). By Ilford, Ltd., 23 Roden Street, Ilford, Essex. 637,848.

"LEON"; toilet preparations, face lotions for men, scalp preparations (3). By Christian Margaret Lang, 89 Saint Vincent Street, Glasgow, C.2. 633,807.

Silhouette of dancing figures; for cosmetic, toilet, perfumery, dentifrices, depilatory preparations, soaps, sachets for use in waving the hair, essential oils (3). By The Dubarry Perfumery Co., Ltd., Goldstone Laboratories, Hove Park Villas, Hove, Sussex. 638,208.

"VELISSA"; cosmetic and toilet preparations (3). By T. J. Peck, 52 Delancey Street, London, N.W.1. 636,775.

"HAPPY SHAVERS" (device of three men in conversation); soap, creams, toilet preparations, talcum powder (3). By Ludwig Scherk, 47 Carlyle Mansions, London, S.W.1. 637,050.

"SIESTA" and "SUNPLEXION"; for toilet preparations, lipstick, brilliantine, hair lotions, soaps, perfumes and dentifrices (3). By Lentheric, Ltd., 17 Old Bond Street, London, W.1. 638,324-25.

"RENTOVIVE"; for bleaching and laundry preparations, soaps, perfumery, toilet and cosmetic preparations (3). By Rentokil, Ltd., 168–70 Stockwell Road, London, S.W.9. 638,488 (Associated).

"DENTICIL"; for preparations for cleaning the teeth (3). By Reckitt & Colman, Ltd., Kingston Works, Dansom Lane, Hull, Yorkshire. 638,659.

Device of a triangle (limited to blue) and words "Blue Triangle Brand" above; for perfumes, cosmetic and toilet preparations, soap, perfumed sachets, mouth washes, bath salts, etc. (3); also for pharmaceutical preparations (human and veterinary), sanitary preparations, disinfectants, etc., excluding infants' and invalids' foods (5). By The British Drug Houses, Ltd., 22 Graham Street, City Road, London, N.1. 637,543–44 (Both Associated).

"BELOVET"; for veterinary preparations (5). By Belmont Veterinary Products and Prophylactics, 111 Union Street, Glasgow, C.2. 634,858.

"PROTOVITE"; for pharmaceutical substances (5). By Roche Products, Ltd., 40 Broadwater Road, Welwyn Garden City, Herts. 634,972.

"CHARKAOLIN"; for pharmaceutical preparations of charcoal and kaolin (5). By Allen & Hanburys, Ltd., Plough Court, 37 Lombard Street, London, E.C.3. B636,856.

"HEX-CITRA"; for pharmaceutical substances and medicines, infants' and invalids' foods, disinfectants. By Citrus Products Co., Ltd., 110 Pratt Street, Camden Town, London, N.W.1. 637,774.

COMING EVENTS

Monday, April 8

BLACKPOOL BRANCH, PHARMACEUTICAL SOCIET Palatine Hotel, Blackpool, at 7.30 p. Annual meeting.

Tuesday, April 9

PHARMACEUTICAL SOCIETY, NATIONAL PHA MACEUTICAL UNION, and PHARMACEUTIC COMMITTEES, Conway Hall, London, W.C.1, 2 p.m. Joint representatives' meeting.

NORTH LONDON PHARMACEUTICAL ASSOCIATI and BRANCH, Beale's Restaurant, Hollow Road, N.7, at 7.30 p.m. Mr. Percy Har on "Recent Developments in Photography Refreshments.

Wednesday, April 10

BRITISH ASSOCIATION OF CHEMISTS, Gas Indu tries House, 1 Grosvenor Place, London, W at 7 p.m. Brains trust.

INSTITUTE OF CHEMISTS-OPTICIANS, 17 Bloor bury Square, W.C.1., at 7.30 p.m. Scient papers.

BRITISH PLASTICS FEDERATION, Savoy Ho London, W.C.2, at 12.30 for 1 p.m. Twel annual luncheon.

BIRKENHEAD PHARMACISTS' ASSOCIATI Chamber of Commerce Rooms, 25 Hamil Square, Birkenhead, at 7.15 p.m. Dr. D. Charters on "Rehabilitation."

Thursday, April 11

LIVERPOOL CHEMISTS' ASSOCIATION a BRANCH, Royal Institution, Liverpool, 7.15 p.m. Annual meetings.

PROPRIETARY ARTICLES TRADE ASSOCIATI Connaught Rooms, Great Queen Str London, W.C.2, at 3 p.m. Fiftieth Ann meeting. Open to all members.

Friday, April 12

BELFAST PHARMACEUTICAL STUDENTS, Cen Hall, College of Technology, Belfast. Da

BRITISH PHARMACEUTICAL STUDENTS' ASSO TION, University, Manchester, 13. 2.30 7 p.m. Annual conference. 8 p.m. Socia

LONDON BRANCH, GUILD OF PUBLIC PHAR CISTS, 17 Bloomsbury Square, London, W. at 7 p.m. Members' night.

Saturday, April 13

BRITISH PHARMACEUTICAL STUDENTS' ASSO TION, University, Manchester, 13. 10 and 2 p.m. Annual conference (continuati 7 p.m. Dance.

Sunday, April 14

BRITISH PHARMACEUTICAL STUDENTS' ASSO TION, University, Manchester, 13. 10.45 and 2 p.m. Annual conference (conclusi

MANCHESTER PHARMACEUTICAL ASSOCIAT Ramble to Hope, Derwent, and Edale. Central station, 8.45 a.m. Book Hope ret

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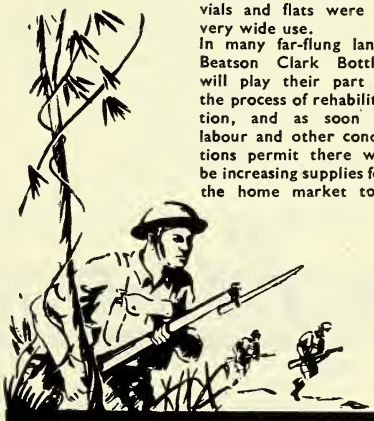

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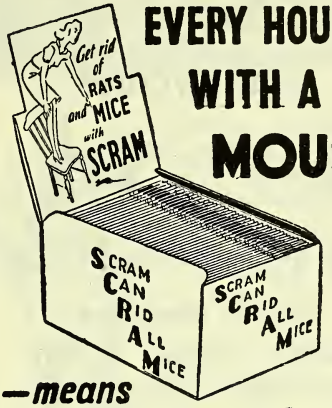

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CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

APRIL 6 1946

28 ESSEX STREET, LONDON, W.C.2

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QUALIFIED Manager wanted for West End Pharmacy. Permanent. Hours 9 to 6. No Sundays or holiday duties. Apply 962/881, C. & D. Office.

QUALIFIED Manager urgently required or active initiative on profit sharing terms in old-established business in London. East area. 960/820, C. & D. Office.

QUALIFIED Superintendent required for busy shop. Hours 9 a.m. to 7 p.m., half-day and no Sunday duty. State salary and when free. 958/757, C. & D. Office.

QUALIFIED Pharmacist as Branch Manager. Permanency. No Sunday or half holiday duties. Apply by letter, giving full particulars to Superintendent Chemist, Dewsbury Pioneers' Ind. Soc., Ltd., 41 Northgate, Dewsbury, Yorks.

QUALIFIED Chemist wanted by old-established wholesale firm to take charge of wet counter Permanency for suitable man. Living accommodation available. Reply giving age and experience and full particulars to Smith & Sons (Norwich) Ltd. 44/8 Magdalen Street, Norwich.

QUALIFIED or Unqualified Lady or Gent required for Dispensing only. Busy private and N.H.I. Excellent experience for newly qualified. Comfortable and congenial post. Apply Manager, Savage, Ltd., 30 The Broadway, Crouch End, N.8. Phone MOU. 2830.

SOUTH COAST. Qualified Manager wanted; energetic man used to high-class business. Dispensing, Toilets, also a good knowledge of Photography and accessories. No living accommodation available. Reply giving full particulars and salary required. 964/934, C. & D. Office.

THE Barnsley British Co-operative Society, Ltd. require permanent Pharmacist (male or female) as Branch Manager (house available, newly decorated). Applications, stating age, experience and wage required to the Secretary, Barnsley British Co-operative Society, Ltd., Wellington Street, Barnsley, Yorks.

TIMOTHY WHITES & TAYLORS LTD., have vacancies for Qualified Managers in the Greater London area. Permanent or relief appointments open, on proressive scales. Convenient interviews arranged. Apply Retail Staff Dept., 70 Vauxhall Bridge Road, S.W.1.

TWO Unqualified Dispensers, men or women, required by Doctors near London Bridge. Most afternoons free; no Sunday work. Reply stating age and experience to 964/938, C. & D. Office.

WANTED, Dispenser-Bookkeeper. Indoor preferable, for general practice 12 miles from London, in a pleasant surrounding. State age, experience. Apply to Dr. Ghose, Maylands, Hornchurch Road, Romford, Essex. Phone, Romford 1695.

WANTED, Lady Dispenser (Hall) for firm of South London practitioners. Apply stating age and experience to 42 Streatham Hill, S.W.2.

LOCUMS WANTED

A QUALIFIED Locum required for 4 to 6 weeks together or in periods of 14 days. No Sunday or half-day duties. Particulars, terms and vacant dates to J. Foster Taylor, Chemist, Showell Circus, Wolverhampton.

RETAIL (OVERSEAS)

BRITISH COLONY. Qualified Chemist, 39-35, optical qualification preferred, requ for permanent position with old-established Br firm's organisation in West Africa. Service a ment provides for twenty months' tour, four mo leave on full pay. Salary commencing inclu special allowances £425 per annum, increasing tour on re-engagement to maximum £765 per an Low income tax, contributory pension schem operation. Living accommodation provided first-class passage paid outward and homew Applications with full particulars, also copie testimonials and recent photograph, 963/917, C. Office.

CEYLON. Unqualified Chemist who has serve apprenticeship and has had several y general retail experience required for large de mental store. 25/30 years of age. Single. years engagement. Passage paid out and home. months' holiday on half pay if engagement rene Free living quarters. Low Income Tax, Provi Fund and other benefits including cost of l allowance of, at present, £90 per annum. Write full particulars to Box F.379, Willings, 133 Moor London, E.C.2.

WHOLESALE

BUYER required immediately for South W Must have had actual experience in bu department of Chemical Works. State age, details of experience, salary required and e copies only of testimonials. 962/884, C. & D. C

BIRMINGHAM. Firm of manufacturing che have a vacancy for first-class Represent to call upon doctors, hospitals and chemists in nection with ethical pharmaceutical pro Applicant must reside in district. 963/906, C. Office.

CHEMIST required to take charge of produ of Hairdressing Lotions. Apply stating e ence and salary required to 963/910, C. & D.

EXPORT Manager, should have had expe in export trade in pharmaceutical pro some knowledge of medical propaganda and general routine of export. Must have driv initiative and be capable of taking full cou export marketing of well-known therapeutic pr State age, experience and salary required. 96 C. & D. Office.

FACTORY Forewoman required to take cha approximately sixty women engaged i packing of Fine Chemicals and allied pro in the Barking area. Reply stating age, expe and wage required to 963/927, C. & D. Office.

FIRST-CLASS Tablet Maker required. week. Top wages to right man. 96 C. & D. Office.

FIRM of Manufacturing Chemists requi services of an experienced, energeti efficient Sales Manager. Write, stating exp and qualifications to Box No. 84, Knox & Ltd., 72 Fleet Street, London, E.C.4.

FREE accommodation and good wages for enced Tablet Coater to be employed by facturing chemists in West of London. Applie together with references and wages claim Box 35, Smiths', 100 Fleet Street, E.C.4.

FREE-LANCE Agents, calling on Chemist required in many areas. Full particu areas, lines, experience, etc., to 959/780, C. Office.

LONDON firm requires the services of an Manager with experience in heavy, fi pharmaceutical chemicals, essences, minera allied commodities. Applicants must have lished connexions with suppliers in U.K. a porters abroad. Apply, with full details, required and references, to 961/857, C. & D. O

TERNATIONAL Manufacturing Chemists require Manager for administration of works and oratories. Age 35-45. Essentials: Organising lity, drive, previous executive experience. Preferfor one with practical experience in fine chemical ufacture and the finishing of pharmaceutical cialities in ampouled, tabletted and packed forms. est details, in confidence, stating salary to 880, C. & D. Office.

VE Representative for Yorkshire required by Cosmetic manufacturers. One with established d with Chemists, Co-ops and Stores preferred. es and commission or commission only, as red. 964/939, C. & D. Office.

EADING ethical House requires four keen progressive Qualified Pharmacists as Representatives in the Midlands, North-east and North- England. When replying, please give full iculars. 963/922, C. & D. Office.

ANUFACTURING Chemists require Representative or Agent for Wales and Scotland alary plus commission basis. Apply to Toja ducts, Ltd., 83/87 Scrubs Lane, London, N.W.10.

UALIFIED Manager, chiefly for wholesale department. Apply Shadforth Prescription ice, Ltd., Mitre Works, Cordova Road, Bow, lon, E.3.

EPRESENTATIVE required by manufacturers of well-introduced line of nationally advertised t rol's to visit retail chemists in Lancashire and hire. Previous experience in this direction rred. Full details 963/911, C. & D. Office.

EPRESENTATIVE required for Northern Ireland by firm of wholesalers of Chemists' ries. Commission basis. 963/921, C. & D.

PRESENTATIVE required for Luxury Toilet Preparations (A Class) to be carried as addil line, on commission basis, to call on Chemists, dressers, Department Stores (Perfumery and Sections) for various provincial areas. Only who are well introduced to retailers should present lines carried and names of firms represd. Enclose references in first letter. 962/889, D. Office.

PRESENTATIVES required for well-known cosmetic and pharmaceutical products, all y nationally advertised. Exceptional energy enthusiasm required which will be remunerated dingly. Salary, expenses and commission. tories vacant: (a) Scotland, (b) Cheshire, s, N. Wales, etc., (c) S.W. Counties and S. Wales. fully. 959/795, C. & D. Office.

LES Representatives required for firm of nationally known beauty products—first- selling experience essential, but knowledge of etic business not absolutely necessary. Write st place, giving details of past career and ng photograph, returnable. 961/867, C. & D.

BLET and Pill Coater (sugar and pearl) required by old-established London firm of Manufacturchemists. Write, stating previous experience, nd salary required. Permanent situation for ple person. 963/925, C. & D. Office.

E CO-OPERATIVE WHOLESALE SOCIETY Ltd., requires Pharmacist, to take charge of Packed Drugs Department at the Society's s. Droylsden (Manchester). Applicant having imilar appointment preferred, but not essential. be good organiser, able to control large mixed and be accustomed to mechanical filling and ing plant. Applications, stating age, experience, lications and salary required, to be addressed e Staff Office. C.W.S. Ltd. 1 Balloon Street, nester. 4. endorsed "Pharmacist."

E CROOKES LABORATORIES, Gorst Road, Park Royal, N.W.10, have a vacancy for an alified Assistant in their manufacturing tories. Position is permanent and pension- 5-day week. Write stating age, previous ence and salary required.

TABLET Coater required by Midland Manufacturing Chemist. Write stating age and experience to 632/749, C. & D. Office.

WOMAN to take charge of small department, packing medicines, etc. Write stating age, experience and wages required 963/924, C. & D. Office.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

ASSISTANT (Male) Unqualified. 36. Married. Seeks position South Coast. Living Accommodation. 963/923, C. & D. Office.

EXPERIENCED Assistant, 37, married, seeks situation, Devon or Cornwall, coastal area preferred. Dispensing, counter, photography, window disOlay and book-keeping. Conscientious worker. Some form of accommodation for two welcomed. 963/918, C. & D. Office.

LADY Assistant, experienced, full or part time. Western suburbs preferred. 964/937, C. & D. Office.

LADY Dispenser Bookkeeper (Hall), experienced, desires post locum or permanent. 962/894, C. & D. Office.

PART-TIME Experienced Senior Man. Unqualified. London area. Any arrangement acceptable. Any arrangement acceptable. "Chemicus," 67a Parkgate Road, S.W.11.

PHARMACIST, 30, recently demobbed after six years' service, some capital available, seeks proposition showing reasonable return for investment and hard work. Managership with view to early succession or partnership considered. Southern counties preferred. At present regaining experience in retail. 963/915, C. & D. Office.

LOCUMS SEEKING ENGAGEMENT

QUALIFIED (33), single, demobbed, desires seasonal post South Coast resort, preferably Bournemouth. West End experience. Excellent salesman. 963/931, C. & D. Office.

WHOLESALE

ACCOUNTANT to small manufacturing chemists seeks a senior accountancy position with prospects. Thoroughly experienced full set, all office routine and management. 6 years' experience in manufacturing chemists' trade. Keen hard worker, excellent references. Must have Saturdays free. £350/400 p.a. L. M. Davison, 24 Witley Gardens, Southall, Middx.

ACTIVE Traveller wants good offer. Big connexion S.E. Counties. Free from National Service. Excellent refs. "P," 54, Davis Road, London, W.3.

CHEMIST, B.Sc., eleven years' experience in manufacture and analysis of fine and pharmaceutical chemicals and alkaloidal assays of vegetable drugs. 960/819, C. & D. Office.

EXPERIENCED Representative (36) with sound connexion with both wholesale and retail trade. Yorks and all North-eastern counties. Salary, commission, expenses. 964/936, C. & D. Office.

EXPERIENCED Traveller desires change; covering South Wales, West of England, amongst W/R Chemist drug stores, departmental stores, Co-ops., etc. Well-known house, or will consider a few agencies. Own car. 959/793, C. & D. Office.

EXPERIENCED Representative, London connexion chemists and stores, wishes to contact manufacturer marketing high grade products. 961/859, C. & D. Office.

LANCASTRIAN with connexion amongst chemists, hospitals, doctors, etc., seeks change. Would consider "specialised food" products in this field of activity. Excellent refs. and records. 963/919, C. & D. Office.

LONDON Representation. Keen salesman seeks position where large turnover possible. 963/900, C. & D. Office.

PURCHASING and Forwarding Representative. Residing London, prepared undertake duties U.K. for firm abroad. Wide range of goods. Reliable, experienced, own car. Reply by Air Mail. 953/596, C. & D. Office.

REPRESENTATIVE seeks House of repute, Cosmetics, Sundries or Patents. Excellent connexion Chemists, Stores, etc., N.E. Coast to Lincs Coast. Full details of salary, commission and expenses, prior to interview. Commission lines only not entertained. 961/852, C. & D. Office.

REPRESENTATIVE with live connexion all Chemists throughout Lancs, Westmoreland and Cumberland, desires appointment with Progressive National House; available from April 1, 1946; full details at interview. 962/898, C. & D. Office.

REPRESENTATIVE. First-class connexion North-East counties, calling wholesale and retail chemists, co-op. societies, dept. stores, requires additional line. Commission basis. Write 963/916, C. & D. Office.

REPRESENTATIVE, recently released from Services, and again covering old territory, desires change. Toilet, perfumery or proprietary medicines. Areas preferred, but not essential, Wales, Cheshire, Lancashire or Yorkshire. 963/920, C. & D. Office.

REPRESENTATIVE, 35, who has been making regular three-monthly calls for the past 18 months on wholesale and retail chemists in the South-West of England desires change for satisfactory reasons. Extensive personal and well-established connexion. Car owner. Toilets, proprietary or medicinal lines. must be known firms of repute. Salary, expenses and commission preferred. Reply 958/762, C. & D. Office.

REPRESENTATIVE, live connexion retail and wholesale chemists, Co-op, stores, Kent, Sussex, Hants, Dorset and Wilts, offers first-class representation to house of repute. 963/932, C. & D. Office.

WELL-KNOWN Representative desires a change. 20 years' experience contacting all chemists and Drug Stores in the North. Would be pleased to hear from any Manufacturers requiring a live salesman for the Manchester area. 963/912, C. & D. Office.

WHOLESALE (OVERSEAS)

PHARMACIST (32) desires position in South Africa with wholesale or manufacturing house. Several years experience in Control of Raw Materials, finished products and modern manufacturing methods. 964/935, C. & D. Office.

BUSINESSES FOR DISPOSAL

7/6 for 40 words or less. 2d. for every additional word.

CHEMIST'S Shop and Dwelling House, Warley. Possession. Gross Profits £17 6s. weekly. Price Property £2,200, Fixtures £350, 20 years' Goodwill, £1,300, Stock £450. Total £4,300. Haviland & Co., 1 Rutland Road, Edgbaston, Birmingham.

DRUG Store, North-West seaside resort. Modern lock-up shop, well fitted and stocked. Kodak Agency. Health of owner only reason for disposal. Genuine proposition. Principals only. 963/914, C. & D. Office.

MARGATE. Prominent freehold property for sale. Two shops, with forecourts, fine windows, two large flats, large store and workrooms. Vacant possession. Prewar Kodak Agency. Joining sea front and shopping centre. "Surety," Hockers, Detling, Kent.

WANTED

7/6 for 36 words or less, 2d for every additional wo

AIR Separator urgently required, size equa No. 6 British Rema, to separate chalk a rate of 1 ton to 30 cwt. per hour. Full details price to 962/885, C. & D. Office.

AUTOMATIC Cream Filler wanted at once; price paid. Shavex Co., Bavaria Road, H way, N.19.

ASPIRIN Grans B.P. and Phenacetin B.P. wa in small or large quantities. State quan and price. 963/908, C. & D. Office.

INFORMATION with full data required fo manufacture of Fly Papers, cash reimburse Reply in confidence to 960/817, C. & D. Office.

MANUFACTURERS urgently require ½ and Essence Bottles. Please quote for sm large quantities to A. E. Bevan, Ltd., 20A Street, Southport, Lancs.

MICROSCOPES. We do not pay high price old junk, but for fine modern apparatu prices are the best in the trade. If you wa dependable overhauled microscope, consult us. criticism in ten years, and that speedily recti that is our record. Wallace Heaton, Ltd. (M 7511, ask for Mr. Cole), 127 New Bond S London, W.1.

SACCHARIN Tablets. Full standard, stre bulk or packed 100's. Cash Peo-I 963/907, C. & D. Office.

URGENTLY WANTED. Up to 500 gross 2- vials or bottles with or without corks. I diate cash payment. Campbell, 2 Shepherd S Mayfair, W.1.

WANTED in 10/20 ton lots, Spent Drugs, ground: viz., Mustard, Ginger, An Coriander, Dill, Thyme, Sweet Herbs, C 960/816, C. & D. Office.

WANTED. ½-, 1- and 2-oz. white flint screw bottles, with or without caps. Highest paid, small or large quantities. Send partic 961/844, C. & D. Office.

8 OZ. Plain Medicals, 8-oz. ribbed Ovals, 2- Pancls; divisioned Cartons to hold a these. Samples and prices to S. Tatlow & Co., Eckington, Sheffield.

26 OZ and 13-oz. Wine or Champagne I required. 625/524, C. & D. Office.

AGENCIES

7/6 for 36 words or less, 2d. for every additional w

A FIRM of selling agents covering retail and sale chemists, hairdressers, co-ops., stores, with a large staff of experienced sal all covered with fidelity bonds, require agenc the following: (1) a range of inexpensive cosm (2) a range of hairdressers' sundries (nail files, etc); (3) surgical dressings; (4) brushes other agencies useless. Only firms paying commissions, with large quotas and full d considered. 959/779, C. & D. Office.

ADDITIONAL lines for summer chemists' required in North of England. 9 C. & D. Office.

IRISH Company requires Agency for Dubl rest of Eire in well advertised cosmetics, ch sundries, and smallwares. Bankers and mercial references available. Transport av for all Eire. Write Elton Trading Compa Rathfarnham Road, Dublin.

MANUFACTURERS Agent having near open wholesale accounts with Hand Chemists, Fancy Goods Merchants, Wl Co-ops, General Wholesale Warehousemen desires additional agency on commission 963/933, C. & D. Office.

SALESMEN to carry new lines suitable for Ch Hairdressers and General Stores on 10 mission basis. 962/892, C. & D. Office.

APPOINTMENTS

SSISTANT PHARMACIST required by MIDDLESEX COUNTY COUNCIL at HASE FARM HOSPITAL, Enfield, Mddx. pplicants must hold one of Pharmaceutical ciety's quals. Recently qualified pharma- ts would be considered. Commencing salary 60 p.a. plus current cost of living bonus. hole-time duties under MEDICAL DIRECTOR d CHIEF PHARMACIST. Unestablished. pplication stating age, quals., exper., enclosing pies of up to 3 recent testimonials to MEDI- L DIRECTOR of hospital IMMEDIATELY. pplication forms not provided. (Male candi- tes should state position with regard to litary service.)

SSISTANT PHARMACIST, temporary, 9 to 12 months, required by King's College spital; also locum tenens Assistant Pharma- t for 18 weeks.
Salaries in accordance with British Hospitals sociation Scale.
Apply by letter to The Pharmacist, King's lege Hospital, Denmark Hill, S.E.5.

IANCHESTER CORPORATION

WITHINGTON HOSPITAL.

CUM PHARMACIST required (for a long m of service). Fee £7 7s. 0d. weekly, plus nporary cost of living wages additions ounting at present to £1 3s. 0d. weekly in the e of a male officer and 18s. 6d. weekly in the e of a female officer.
pply to the Medical Superintendent, With- ton Hospital, West Didsbury, Manchester, 20, soon as possible.

T. LUKE'S MENTAL HOSPITAL MIDDLESBROUGH

APPOINTMENT OF DISPENSER.

plications are invited for the post of whole- e Male Dispenser to this Hospital. The ointment is pensionable and comes under provisions of the Asylums Officers Super- uation Act, 1909.
Candidates must be under the age of 35 years must hold the diploma of M.P.S. or Ph.C. ether with the diploma of Bio-Chemical alysis.
The successful candidate will be required to dergo a medical examination and must reside r appointment within the County Borough Middlesbrough.
Full consideration will be given to those who e served in H.M. Forces.
The salary offered is £350 per annum rising to 0 by five annual increments of £20.
Applications accompanied by three recent timonials or references should be forwarded hout delay to the Medical Superintendent, Luke's Hospital, Middlesbrough.
Canvassing will disqualify.

PTICAL TUITION

FOR THE
I.C., B.O.A. & N.A.O. DIPLOMA Examinations
rticulars:—
A. SCURR, F.S.M.C., F.B.O.A., F.N.A.O., F.I.O., F.C.O., M.P.S.
HIGH STREET, BARNET, LONDON, N.

ROYAL BERKSHIRE HOSPITAL

READING.

Junior Assistant Pharmacist (temporary) required.
Salary £310 per annum.
Applications stating age, qualifications and experience and accompanied by copies of testimonials to be sent to the HOUSE GOVERNOR.

SEVERALLS MENTAL HOSPITAL

COLCHESTER.

ASSISTANT PHARMACIST (Male) required. Salary at present £300 per annum, plus war bonus £60; pensionable post. Apply giving age, qualifications, etc., to the Medical Superintendent.

ST. LUKE'S MENTAL HOSPITAL MIDDLESBROUGH

APPOINTMENT OF PHARMACIST.

Applications are invited for the post of whole-time male Pharmacist to this Hospital. The appointment is pensionable and comes under the provisions of the Asylums Officers Superannuation Act, 1909.
Candidates must be under the age of 35 years and must hold the Diploma of M.P.S. or Ph.C., together with the Diploma of Bio-Chemical Analysis.
The successful Candidate will be required to undergo a medical examination and must reside after appointment within the County Borough of Middlesbrough.
Full consideration will be given to those who have served in H.M. Forces.
The salary offered is £350 rising to £450 by five annual increments of £20, together with cost of living bonus amounting to £49 8s. 0d. at the present time.
The salary conditions will be reviewed if and when a National Scale of pay comes into operation.
Applications, accompanied by 3 recent testimonials or references, should be forwarded without delay to the Medical Superintendent, St. Luke's Hospital, Middlesbrough.
Canvassing will disqualify.

SURREY COUNTY COUNCIL

KINGSTON COUNTY HOSPITAL, Wolverton Avenue, Kingston-on-Thames (perm. appt.). ST. LUKE'S HOSPITAL, Guildford (tem. appt.). ASST. PHARMACIST. Must be M.P.S. or Ph.C. Salary £250 × £10—£300 p.a., plus bonus 23s. p.w. male, 18s. 6d. p.w. female. Apply to Medical Superintendent.

PARTNERSHIPS

ACTIVE partnership required by Qualified Chemist in Wholesale or manufacturing in or near London. Capital £2,000 to £3,000 available. 962/875, C. & D. Office.

PARTNERSHIP offered to qualified man with capital. Good London shop. No opposition. Unique opportunity. 962/895, C. & D. Office.

SHOP FITTING

MYERS OF OLD ST. THE PHARMACY FITTERS
FOR ALL PHARMACY FITTINGS
From the single unit—to the complete Pharmacy
133-5 & 141-7 OLD STREET, E.C.1. Phone: CLE 6381

MISCELLANEOUS SALES

12/6 for 60 words or less, 1/- each additional 10 words or less.

FOR Sale, approximately 500,000 plain folding cartons, size about $2\frac{1}{2}'' \times 1^{1}/_{10}'' \times {}^{7}/_{10}''$. Buyers write 962/891, C. & D. Office.

FOR Sale, 1 brand new Hand-Operated Herbert Morris Stacking Machine. Working load 10 cwts. Overall height 11' 3". 962/886, C. & D. Office.

PLANT apparatus for sale. 40-gallon Cast Iron Steam Jacketed Mixer, Anchor Agitator, Glass Enamel Lined. Tested working pressure 30 lb. Jacket complete. Brand new. Guaranteed never been used. Write 961/856, C. & D. Office.

SACCHARIN Envelopes. Limited stocks now available; minimum supply 6,000 lots at 6/6 a thousand. Lewis East, Ltd., Envelope Makers, Leicester.

SACCHARIN, envelopes available from stock, 5/6 per 1,000, minimum order 4,000. F. Ambrose, Ltd., 56 New Kent Road, London, S.E.1.

UNBREAKABLE Laminated Plastic Sheet. Black or Brown. 48"+24". Acid and heat proof. 31s. each. Min. quantity 2 sheets. Barker, 82a Stondon Park, S.E.23.

WANTED to clear, 5 cwts. Calcium Lactate B.P., 56 lbs. Acetanilide, 2 cwts. Hexamine Crystals, 1 cwt. Phenolphatalene, 14 cwts. Gum Karaya, No. 1. Best offers. 962/890, C. & D. Office.

5 GROSS Amber Winchesters Bakelite Caps. Barrington, Hannan & Son, 37 Lewisham Road, Lewisham, S.E.13.

BUSINESS OPPORTUNITIES

12/6 for 36 words or less, 2d. for every additional word.

ADVERTISER with international business experience and willing to invest £10,000 desires interest in Factory, Packing or Wholesale business in or allied to the Chemical Industry. Solicitors' and Bankers' references given and required. 962/897, C. & D. Office.

A DUBLIN firm of Manufacturing Chemists offers full manufacturing, packing and distributing facilities, and will accept agencies for established lines only. 959/778, C. & D. Office.

FOR Sale Freehold £395 (or near offer) small premises. Yard, former garage, licensed for the manufacture shampoo, liniments, etc. Industrial Spirits approved by the Customs and Excise. Formulae. Clapham Area. Write G. H., 52 Culverden Road, S.W.12.

MANUFACTURING Chemists (without tabletting plant) wish to take up a substantial interest in, or purchase outright, a small firm with tabletting plant, to ensure their own supplies. Existing products, contracts and premises could be taken over, if desired. Information and particulars will be treated with strict confidence. 963/929, C. & D. Office.

SALES Organisation, 3,000 accounts, Chemists, Hairdressers, Stores and Co-ops, prepared to negotiate sales for another firm of standing. 962/893, C. & D. Office.

EDUCATIONAL

OPTICAL TUITION

For the Diploma Examinations. Particulars: The Dublin College of Optics, 10 Lower Abbey Street, Dublin.

BUSINESSES WANTED

7/6 for 40 words or less, 2d. for every additional w

DRUG Store wanted; with living accommo preferred; London or Home Counties. waiting for sound business. Full particul confidence to C. & D. Office, 963/930.

ESSEX or London (East). Established B with a true net profit of £1,000 mi required with commensurate turnover by ex-S (officer) pharmacist and graduate. Audited and balance sheets over a reasonable period, inc pre-war trading, essential. Good position i shopping centre or in High Street of market Corner shop and living accommodation pr but not essential. Ample funds available for proposition. Purchase of freehold desire correspondence in strictest confidence. 9 C. & D. Office.

GOOD-CLASS Chemists or Drug Stores. road position essential. London or s £1,000/£2,000 cash waiting. Rodney, 38 W Road, London, N.22. BOWes Park 6526.

HILLIER, PARKER, MAY & ROW Surveyors and Valuers, 77 Grosvenor W.1, have applications for several sound a gressive single-shop Businesses occupying trading positions in London and Province Group Concern would be seriously cons Others contemplating sale or their solicit invited to write for further information to Parker, May & Rowden, 77 Grosvenor Street,

SHOP with living accommodation wanted. able for Drug Store, any area. Or consider an established business, both pre to rent. Ex-Serviceman. Please reply to 9 C. & D. Office.

WANTED. Good class Drug Store in sma within 20 miles of London. Must hav accommodation. Good price paid for th thing. 963/913, C. & D. Office.

EXPORT TRADE

EGYPT. Firm interested in British Pharma and Chemical Products, also Cosmet Perfumes, would like exclusive Agency interested in Export to Egypt. Advertise representative in England now. 963/926, C Office.

MANUFACTURING Chemists who w be represented in Holland by a fir introduced in the Chemical and Pharma trade, please write to R.I.A.C., Rotterd Import en Agenturen Compagnie, Nieuwe weg, 243 Rotterdam, C.

PHARMACEUTICAL SPECIALITIES. enced Egyptian importers, first-class r backed by important organisation and resources, would like representations of ceutical specialities, both of scientific natur current use. Would make large purchases good formulas and exclusive agency offered. ganda for launching specialities arranged pe ment with interested manufacturers. Writ full details to "Egyptian Pharmaceutical Con Post Office Box 750, Cairo, Egypt.

WILL Manufacturers of Branded Articles ed, in EXPORT TO INDIA kindly London Agent of Bombay firm with a view cussing REPRESENTATION arrangements 963/901, C. & D. Office.

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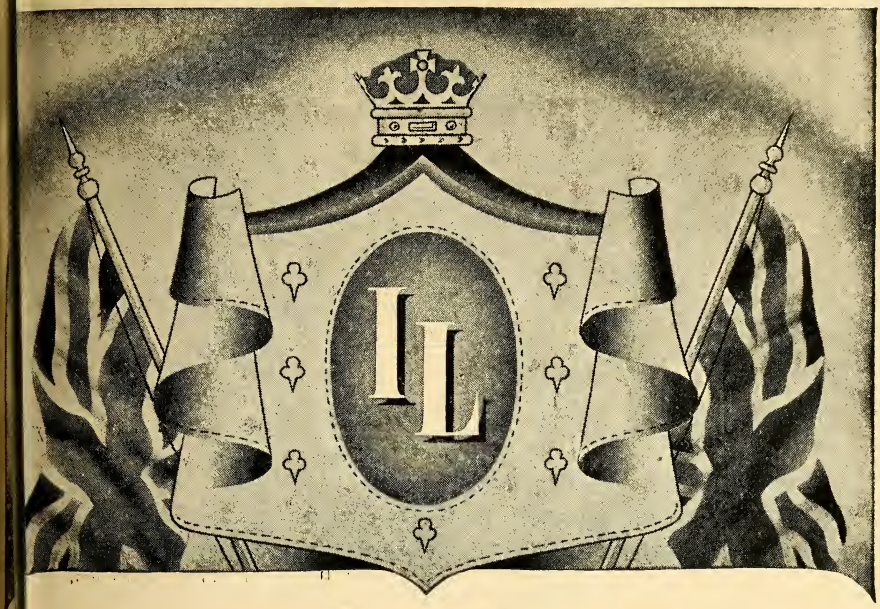

IMPERIAL LEATHER

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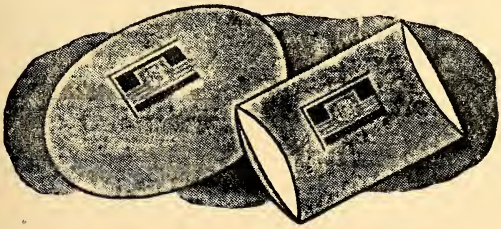

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Printed by The Haycock Press, Ltd., 106-140 Neate Street, Camberwell, S.E.5, and Published by the Proprietors, Morgan Brothers (Publishers), Limited, at 28 Essex Street, Strand, London, W.C.2.